

An Inspiring story of Tribal Women Farmer- Binita devi

Uncontrolled and unnecessary use of chemical fertilizers and pesticides in the race of growing more and more food products and controlling pesticides are doing well but affecting the health of livings and the soil quite adversely, resulting in the occurrences of several contaminating diseases in human being and



animals and in plants as well



resulting imbalances in bio- diversity. To control this hazard we need to bring changes in our method of application and use of both chemical fertilizers and pesticides. Several aware farmers have started to adopt the use and application of

bio compost, liquid compost and bio pesticide in their integrated system of farming. Following is a story of tribal women who adopted this eco friendly system of farming.

This is a true story of tribal women Binita Devi who resides in Dhawaiya village of Bagodar Block under Giridih district, Jharkhand. Binita Devi was married to Dhani Ram Tudu, an unskilled labour who had 2 acres of cultivable land under his possession. Dhani Ram Tudu was farming on his 2 acres of cultivable land adopting traditional methods of farming. This



Cotton Production

traditional method of farming yielded him limited production which was insufficient to support the livelihood requirements of the family. Binita is literate and a mother of two. She decided to enhance the production of her fields to support the livelihood requirements of the family. She received training in the concerned field by Banwasi Vikas Ashram and started growing vegetables in 50 decimal of her cultivable land apart from growing wheat and paddy on rest of her

land. The trained Binita integrated the sub systems of farming and started linking the systems of traditional farming with the integrated system of farming.



Wormy Compost

She started producing diversified versions of bio compost such as Wormy Compost, Pit Compost, Liquid manure and bio pesticides. She has benefited herself by applying these indigenous products in her field. She has adopted Cropping sequence such as mixed, relay, intercropping, and crop rotation methods. Her initiative has inspired the other farmers to introduce these

these indigenous



Pit Compost

methods in their fields also.



Bio pesticide

One of the main concerns for Binita was the marketing of the green vegetables within the proper time limit, but mostly she failed to market these grown vegetables in proper time limit. As a result of which the vegetables turned as wastage, causing her financial loss. To meet this challenge she constructed a Zero Energy cooling system based

Zero Energy cooling system

on indigenous techniques. This cooling system

preserves the stored products for 3 to 4 days allowing the farmer sufficient time to market them. Before the adaptation of



integrated farming system, Binita was badly dependent on the market for fertilizers and pesticides which were



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both costly and harmful, but now Binita is independent for fertilizers and pesticides saving a larger part of her income. Binita has been given training and facilitation by Banwasi Vikas Ashram by help from CWS. Her effort has been appreciated by the public representatives and govt. officials.

Suresh Kumar Shakti

Secretary

Banwasi Vikas Asram

New Barganda, Giridih, Jharkhand

M. n.- 9431167518

E-mail- bva_grd@rediffmail.com, banwasi1990@gmail.com