



Success stories 2023

Name of farmer	Prahalad Bhue
Address	Vill/Po/GP/: Hatisara, Block- Bhatli, Dist. Bargarh, Odisha,
Contact details (Phone, mobile, email Id)	Mob:9937198653
Landholding (in ha.)	1.2
Name and description of the farm/ enterprise	<p>Prahalad Bhue is a village farmer Vill/Po/GP/:Hatisara, Block- Bhatli, Dist. Bargarh, Odisha practicing rice cultivation in his two acre land during Kharif and vegetables during rabi season leaving another one acre fallow in every kharif season. The drying and very less grains per panicle during every kharif season made him frustrated due to cessation of rain by end of September forcing him to leave the land fallow. Grazing of domestic animals is also a great problem in his area in semi or less cropped area during kharif. As a result, he was unable to get sufficient crop from his entire land. One day during a farmers-training interaction programme at his village where KVK scientists awakened him about sesamum crop that germinates under low soil moisture and can be successfully cultivated during kharif under drought condition. It is the most preferable crop that resists animals, monkeys, and birds due to offensive odour.</p> <p>After that he decided and took up sesamum in 0.3 ha. land during kharif 2022-23. He was supplied sesamum seed var. Smarak from KVK. He followed Line sowing behind plough 30 cm x 10 cm, Seed treatment with Vitavax Power @ 2.5 gm/kg seed, STBF, Application of Phospho-Gypsum @ 2.50/Ha. Spraying of Indoxacarb 14.5 SC @ 1ml/liter of water, Spraying of Carbendazim 12 % plus Mancozeb 63 % @ 3 gm /Lit of water. He has also kept clean the plot himself after weeding twice manually.</p>
Economic impact	He reaped a very good crop that he had never seen before and harvested 153kg of seed from 0.3-hectare land. He sold 100 kg of seeds to other farmers @Rs80/kg, earns a marginable profit as well as used the sticks for fuel purpose.
Social impact	He is happy with the additional income from barren land. He is now able to pay his daughter's tuition fee in timely.
Environmental impact	This is the only profitable crop that can be grown under all odds and particularly during kharif. Being a short duration (75 days) variety, it helped him to plan a sure crop in unbounded uplands of his village for improving economy of local farmers. resources The barren land is effectively used for sessamun cultivation as it requires less water & care. It is also resistant to pest & diseases. So, there is a less chance of environmental pollution due to less use of chemicals.
Horizontal/ Vertical spread	Looking to the success of Sri Bhue 36 farmers of near by villages followed him and decided to go for sessamun in fallow land. .
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