

Success stories 2024

Name of farmer	Sj. Jilla Padhan, S/O- Sj. Dambaru Padhan At- Satidarha, Bl-Bhatli, Dist- Bargarh
Address	S/O- Sj. Dambaru Padhan At- Satidarha, Bl-Bhatli, Dist- Bargarh
Contact details (Phone, mobile, email Id)	9178127737
Landholding (in ha.)	1.6
Name and description of the farm/ enterprise	<p>He is practicing rice cultivation in his four-acre land during Kharif and vegetables during rabi season. But he is experiencing several challenges in his agricultural practices during kharif season due to the cessation of rainfall by end of September, less grains per panicle and grazing problems caused by domestic animals. These issues have forced him to leave one acre of his land fallow. As a result, he was unable to earn a good return from his entire land.</p> <p>One day during a training programme of KVK at his village, the farmer was suggested to adopt sesamum crop in kharif which could potentially address his problems.</p> <p>He took up sesamum in 0.4 ha. land during kharif 2024-25. He was supplied with sesamum seed var. Kalinga sesamum 1 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 @ 2.5Q/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> <p>KVK scientists visited his field at regular interval & suggested him to follow the time-to-time necessary agricultural practices.</p>
Economic impact	He reaped a very good crop that he had never seen before and harvested 274 kg of seed from 0.4-hectare land. He sold 120 kg of seeds to other farmers @Rs80/kg, earns a marginable profit of Rs. as well as used the sticks for fuel purpose. He is happy with the additional income from barren land. He is now able to buy a television for amusement of his family
Social impact	He has started selling of the sesamum seeds to the interested farmers of local community
Environmental impact	Barren land can be effectively used with sesasmum cultivation as it has the advantage of germinating in low soil moisture, making it more resilient during periods of water scarcity caused by low rainfall. Additionally, its strong odour acts as a natural deterrent to grazing animals, monkeys, and birds, which could help mitigate the damage caused by these animals in his fields
Horizontal/ Vertical spread	Hard labour with following timely agricultural practices by adopting a good quality improved sesamum variety has brought success for him.

Inspired by his success, farmers of the 8 nearby villages have also shown their interest towards sesamum cultivation .

