



“SRT humming..... Soil enriching, Crops booming and Farmers Empowering”

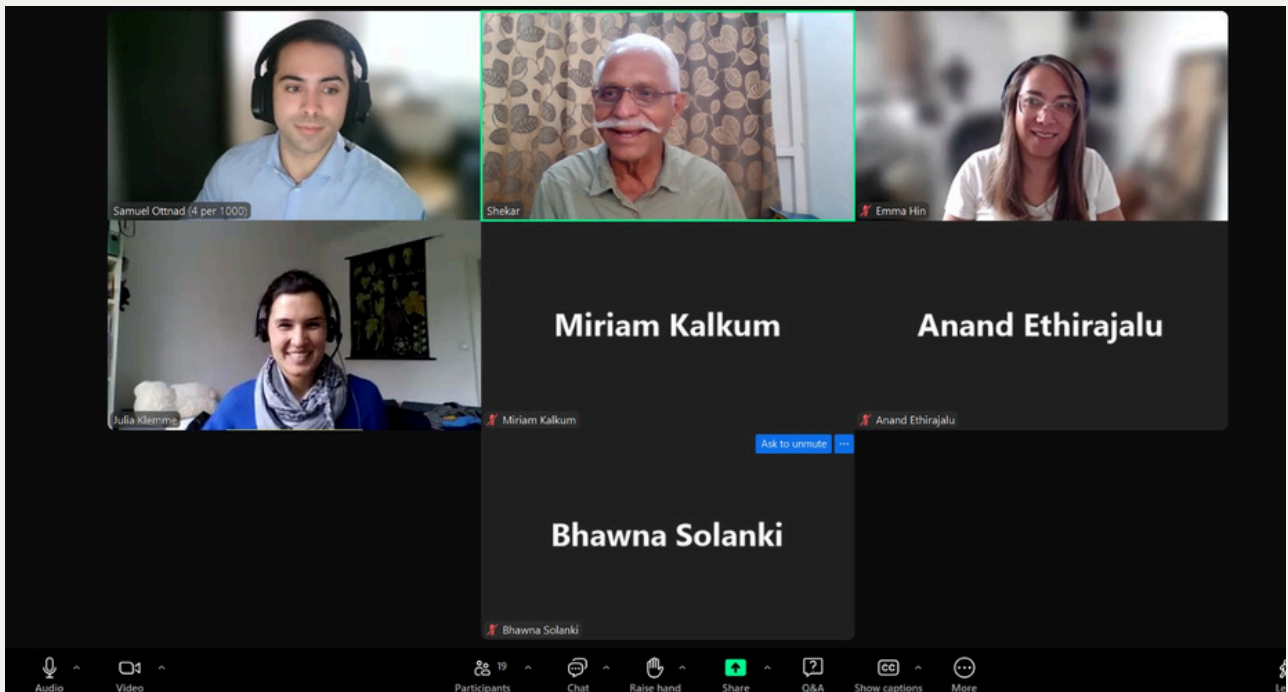
SRT’s Global Impact: Soil Health, Methane Reduction, and Vetiver Discoveries

Namaskar,

Welcome to the 172nd edition of the Saguna Rural Foundation (SRF) Newsletter!

Chandrashekhar Bhadsavle Speaks at '4 per 1000' Soil Stories Webinar (25th September 2024)

On 25th September, Chandrashekhar Bhadsavle was invited to speak at the 'Soil Stories' webinar organized by the 4 per 1000, a French organization dedicated to improving soil health. Chandrashekhar shared how the Saguna Regenerative Technique (SRT) is a game-changer for creating healthy soil and ensuring happy farmers. His talk focused on the way SRT nurtures soil fertility while contributing to environmental sustainability, capturing the interest of a global audience.



Methane Estimation Experiment at Saguna Baug (26th September 2024)

On 26th September, Dr. Sayaji Mehetre, an agronomist from BARC, and Dr. Akshata Sawant, a microbiologist, visited Saguna Baug to conduct an experiment to find efficacy of methanotrophic bacteria in paddy fields. A portable multiple gases analyzer was used in measuring methane (CH₄) emissions in the experimental plot. They also measured methane emission in the traditional paddy fields versus SRT fields. The results were astonishing. In the traditional paddy fields, methane levels exceeded 15,000 ppm, while in the SRT fields, the levels were significantly lower at less than 100 ppm. This study underlines the environmental benefits of SRT, showcasing its potential to mitigate greenhouse gas emissions and contribute to climate resilience in agriculture.



Farmer Couple Felicitations Program at Rahuri.

On 27th September, the Chief Minister of Maharashtra organized a farmer couple felicitations program at Rahuri, Ahmednagar, where over 3000 farmers from across Maharashtra gathered. The event was a grand celebration of the farmers' contributions to the state. Each farmer couple received a traditional shawl and a Paithani saree as gifts from the Chief Minister, acknowledging their hard work and dedication to agriculture.



Breakthrough in Vetiver Root Growth Study

At Saguna Rural Foundation, we have been studying the root growth of vetiver grass in a wooden container, and the results are both amazing and shocking. In just 1 year and 8 months, the vetiver roots have grown to an impressive length of 3.5 feet. This breakthrough highlights the enormous potential of vetiver grass to control soil erosion, reduce risk of landslides and boulder falling, reduce water runoff on hill slopes, and enhance water infiltration. This grass proves to be an invaluable tool in promoting environmental sustainability through natural means.



Stay tuned for more updates as we continue our journey towards a greener and more sustainable future.

Thank you!

