



Annual Program Report Project Shivalik

2019-20

Uttar Pradesh

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Introduction

- The last time when you planted a tree with SankalpTaru Foundation, you planted a hope to make an impact on the natural world, as well as the livelihoods of farmers in Uttar Pradesh.
- Agriculture is the leading occupation in Uttar Pradesh. Most of the farmers practice monocropping.
- The agricultural economy in Uttar Pradesh is highly dependent on monsoon. The erratic weather conditions lead to crop failures.
- Almost half of the small farmers are indebted. Farmers have no other source of income to pay off their increasing debt, thus adding to their burden.



Introduction

- To mitigate these risks, the SankalpTaru Foundation initiated a Rural Livelihood Support Program by planting fruit-bearing trees in Uttar Pradesh. As a result, the livelihoods of rural farmers were strengthened, women empowerment was promoted, poverty alleviated, and greenery was added to the most arid and degraded lands.
- By growing fruit-bearing trees alongside crops, Indian farmers are boosting incomes while saving the environment. Agroforestry has been hailed as one of the top solutions to climate change.
- Your trees not only ensure food security for the nation and strengthen the livelihood of farmers, but also add green spaces and positively impacts the natural world.



The Beginning



- To mitigate farmers worries and to help them sustain their livelihoods, the SankalpTaru Foundation launched Project Shivalik in 2015 in Saharanpur and expanded it to Agra, Kanpur and other basins of Ganga and Yamuna.
- The state grows a variety of fruits. With your generosity, the Foundation decided to support farmers by planting Ber, Mango, Guava and Bel Patthar on their lands, which helps farmers to compensate for any loss due to crop failure and act as an additional source of income.
- Your planted trees help prevent soil erosion and reduce pollution in the cities of Agra, Kanpur and simultaneously improves the biodiversity of these areas.
- Some trees are also planted in Wildlife SOS Centre in Agra for the elephants residing there to create a green abode for them.

The Challenges



- The agriculture economy in district like Saharanpur is greatly dependent on monsoon.
- Uncertain weather patterns such as drought and torrential rains give The SankalpTaru team and their farmers a very tough time in plantations.
- The team must analyze a monthly, even a quarterly weather forecast to plan pre-plantation, plantation, and post-plantation activities.
- The operational team receives many queries from farmers who are apprehensive about the success rate of the plantations in their fields. To prepare them for work, the team gives technical inputs and conduct awareness workshops for farmers during farmer survey and identification phase.

The Story Today

- The project has come a long way since its launch because of the trees you donated.
- A total of more than 8000 trees have been planted and farmer beneficiaries have seen an increase in their income. The green patches have increased.
- The Foundation's vision about agroforestry, of mixing and balancing agricultural practices with traditional cropping and horticultural farming is shielding farmers from the risks around weather uncertainty and boosting their livelihoods. Seeing the success of many early mover farmers, many new farmers are now showing an interest to be a part of the program.



The Story Today



IMPACT IN 2019

No. of trees planted



More than 8000

No. of beneficiaries impacted



More than 60

Survival Rate



95%

The Story Today

- The impact of 4000 fruit-bearing trees of Ber, Mango, Guava and Bel Patthar planted by our green patrons like you:



Oxygen produced
2,21,36,812.70 kgs



Fruit Production
70,000 kg/ season



Carbon-di-oxide sequester
1,15,49,641.40 kgs



Economic Value for Farmers
Rs. 5,00,000/- per
season/per farmer



**Total increase in
Ground water depth**
17.58 litres

** The above data has been given for 4000 fruit bearing trees planted under Rural Livelihood Support Program in Uttar Pradesh. The above-mentioned figures are calculated keeping 20 and 35 years as average life for fruit bearing trees.*

The Story Today

- The impact of 4000 non-fruit bearing trees of Neem, Peepal, Bargad and Arjun planted by our green patrons like you:



Oxygen produced
4,70,74,658.98 kgs



Carbon-di-oxide sequester
4,73,08,517.73 kgs



**Total increase in
Ground Water depth**
17.29 litres

** The above data has been given for 4000 non-fruit bearing trees planted under Rural Livelihood Support Program in Uttar Pradesh. The above-mentioned figures are calculated keeping 35 years as average life for non-fruit bearing trees.*

On- Ground Report

- ❖ Story of one beneficiaries out of the five that have been positively impacted by your donation.
- ❖ Usmaan, a farmer from Fatehpur says that he joined Project Shivalik, five years ago when the SankalpTaru Foundation gave him mango saplings to plant on his farm. Today, these trees are helping him to earn livelihood and giving him 10-15 kgs of fruits per tree. These fruits are very much in demand in the market and are helping him earn an income of nearly **five lakh rupees** per year. He is very thankful to the donors and SankalpTaru Foundation for the assistance provided through Project Shivalik.





Latest Updates

Agra, U.P



The Way Forward

With your continued support and trust, the Foundation aims to increase the number of farmers under the ambit of Project Shivalik and show them a sustainable way of earning their livelihood. We have received requests from other farmers to extend the project to their areas and help them become climate resilient. Team SankalpTaru will continue to mitigate the risks of crop failures by planting fruit-bearing trees on the land of farmers.



Keep making this planet a better place for all by your one click.



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