

RAKSHA BANDHAN 2019

Plantation Update Report 2020

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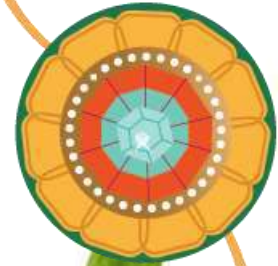
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RAKSHA BANDHAN

Raksha Bandhan is a celebration of the bond between brothers and sisters. It is one of the most popular festivals of the country and is celebrated by people from all walks of life. The rakhi tied by sisters on the wrists of their brothers symbolizes the bond of protection while the brothers presents their sisters with gifts, which shows their care.

SankalpTaru Foundation encourages people to celebrate Raksha Bandhan by planting trees for their siblings. Unlike other gifts, a tree not only lasts for a lifetime but also gives life to many. **Just like brothers protect their sisters, trees protect the earth.** They create forests and forests are the foundation of life on earth. From rainwater, food, ecosystem to wood, medicines and shelter, forests are the life support system of billions of species. A tree is the most wholesome gift.

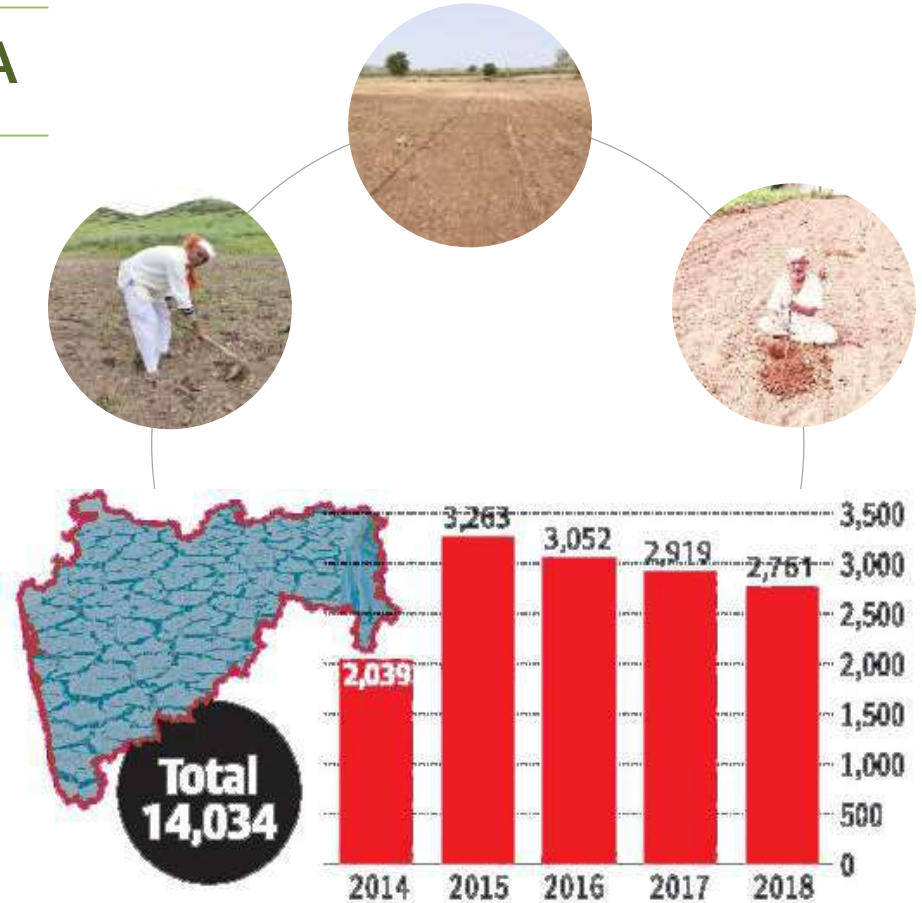


PLANTATION IN MAHARASHTRA

Why Maharashtra?

The state of Maharashtra is India's biggest state economy and agriculture is its main occupation. Most farmers practice horticultural techniques in addition to growing traditional crops like wheat and sugarcane. However, changing weather patterns and droughts have contributed to loss of income of the farmers, increasing the rate of farmer suicides in recent years.

To mitigate these risks, a mix of traditional crop farming with horticultural practice can be adopted in the affected areas. Your tree not only ensures food security for the nation and strengthens the livelihood of farmers, but also adds green spaces and positively impacts the natural world.



Cases of farmer suicides in Maharashtra between 2014 and 2018

Source : thebusinessline.com

PLANTATION DETAILS

FARMER'S NAME	FARMER'S VILLAGE	NUMBER OF TREES PLANTED
Rambhau Radhu Tambe	Goregaon	223



Mango



Guava



Custard Apple

TREE SPECIES PLANTED



Goregaon, Maharashtra

The trees planted in Goregaon will help our farmer beneficiaries boost their incomes along with making the Earth greener.

The Foundation's vision of mixing and balancing agricultural practices like traditional cropping and horticultural farming is shielding farmers from risks around weather uncertainty and boosting their livelihoods.

The saplings of fruit trees will bear fruit which can be sold by the farmers for additional income. Each year, mango yields around **80 kilos** of fruit, guava around **90 kilos** and custard apple around **35 kilos**. It acts as a sustainable source of income for the rural communities.

IMAGES FROM SITE

Latest images showing the growth of saplings planted by farmer Rambhau Radhu Tambe in 2019



Latest images showing the growth of saplings planted by farmer Rambhau Radhu Tambe in 2019



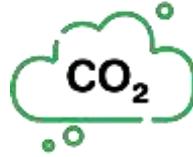
IMPACT CALCULATION



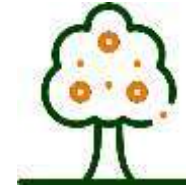
95% survival rate



1705 tons of oxygen produced
*(1408 tons from mango,
265 tons from guava,
32 tons from custard apple)*



888 tons of carbon dioxide sequestered
*(734 tons from mango,
138 tons from guava,
16 tons from custard apple)*



15,805 Kg fruit produced per season
*(6400 Kg mango,
7200 Kg guava,
2205 Kg custard apple)*



Cooling factor
4.5 °C for mango
2.9 °C for guava
3.9 °C for custard apple



5.8 feet increase in groundwater depth



₹ 3,21,720 increase in farmers' income per season
*(₹ 96,000 through mango,
₹ 1,72,800 through guava,
₹ 52,920 through custard apple)*

- The above data is given for **223 trees (80 mango, 80 guava and 63 custard apple)**
- The above data is taken over a period of **20 years**
- Average cost given to the farmers is considered **₹ 15/kg for mango, ₹ 24/kg for guava and ₹ 24/kg for custard apple**

The image features a white background with green eucalyptus leaves framing the central text. The leaves are arranged in a border-like fashion, with some branches extending from the top and bottom edges towards the center. The leaves are various shades of green, some appearing more vibrant and others slightly more muted or silvery-green.

Thank You

for planting with us.

Your trees have encouraged farmers to keep farming despite the challenges.