



## Plantation/Adoption of a Tree

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**Subject: Social Connect & Responsibility**

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**BY**

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## **Objectives:**

The objective of this program is to create awareness about the significance of adopting a tree and to encourage individuals and communities to contribute to environmental sustainability.

## **Introduction:**

Adopting a tree involves taking responsibility for its growth and wellbeing. By adopting a mango tree, we can contribute to the preservation of nature, promote biodiversity, and create a sustainable future

# Overview of the Mango Tree



## Tropical Delight:

The mango tree (*Mangifera indica*) is a tropical evergreen known for its lush foliage, fragrant flowers, and succulent fruits, primarily cultivated in warm, tropical climates.

## Fruitful Bounty:

Renowned for its delicious and varied mango cultivars, the tree produces an abundance of sweet and nutritious fruits, making it a significant contributor to global agriculture and culinary delight.

## Cultural Icon :

Beyond its agricultural importance, the mango tree holds cultural significance in many regions, symbolizing fertility, prosperity, and cultural diversity. Its enduring presence in folklore and traditions adds to its allure.

## **Adopting a Mango Tree: Connecting** **with our Social & Environmental** **Responsibilities.**

At our college, we have passionately adopted a mango tree as a part of our course on Social Connect and Responsibility. Join us as we explore embarking on the initiative of 'Adopting a Mango Tree' our group embraces social and environmental responsibilities. Through this commitment, we cultivate a sense of stewardship, fostering sustainable practices. This endeavor reflects our dedication to harmonizing with nature while making a positive impact on the community and the environment.

### **The Importance of Adopting a Tree**

“Adopting a tree is vital for fostering environmental health and community well-being. Trees contribute to air purification, biodiversity, and climate regulation. This initiative instills a sense of responsibility, promoting sustainable practices and creating a positive impact on the ecosystem, ensuring a greener, healthier future for all”.

## About Mango Tree:

### Features of Mango Tree:

#### 1.Growth Habit:

The mango tree grows upright with a strong trunk, sturdy branches, and dense foliage. Its elegant appearance adds beauty to any landscape.

#### 2.Fruits:

Mangoes are not just delicious, but they are also packed with essential vitamins, minerals, and antioxidants. Their rich flavor and nutritional value make them a popular choice worldwide.

#### 3.Flowers:

Mango flowers are small, yellowish or Pinkish red coloured, clustered together in Panicles which hang down from the branches. They are hermaphrodite flowers but cross-pollination by pollinators contributes to maximum fruit set

#### 4.Climatic Conditions & Tolerance:

“Mango trees thrive in tropical climates with temperatures between 80-100°F (27-38°C). They require well-drained soil and are tolerant of drought conditions. Their adaptability makes them resilient in diverse environmental settings”

#### 5.Drought Tolerance:

Induction of polyploidy has been widely applied in breeding programs for inceasing crop drought resistance.

#### 6.Propagation:

Although budding, inarching and air-layering Are also important mango propagation methods,Grafting is the most common and commercially used.

## Uses of Mango Tree:



### Culinary Delights:

Mangoes are widely used in various culinary preparations, including desserts, smoothies, salads, and savory dishes. They add a unique tropical flavor to any recipe.

### Medicinal Benefits:

Mango leaves, Bark, fruits have medicinal properties and are used in traditional medicine For treating ailments such as diarrhea, fever, Respiratory disorders

### Economic value:

The mango industry generate significant economic value through fruit exports,job creation, and tourism. Adopt mango trees can have positive impacts.

## **Overall Outcome:**

By adopting a mango tree, we can make a positive impact on our environment, contribute to sustainable practices, and enjoy the numerous benefits that mango trees provide. Together, we can create a greener and healthier future.



## **Thank You:**

Thank you for joining us on this journey of adopting a mango tree. Let's work together to protect and nurture our natural resources. Together, we can make a difference.

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