



**Green India Champion Agro Plants Tissue Culture Laboratory**  
**An ISO 9001:2008 Certified Company,**  
**(National Horticulture Board Approved),**  
**REG.NHB/27CMHC039990, NCS- TCP Approved Laboratory,**  
**DBT (Department of Biotechnology) Approved,**  
**KH. No. 17/1/B At- Takli (Bhansali), Tah- Saoner, Dist- Nagpur (MH)**

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**Website - [www.greenindiachampionagro.com](http://www.greenindiachampionagro.com)**

## About Us

Green India Champion Agro Pvt. Ltd. promises to deliver quality, innovative products, equipment, and services in an affordable package directly to our farmers and customers. The company has a Tissue Culture Plants Laboratory in Nagpur, approved by the National Horticulture Board (NHB). Our products and services include tissue culture plants, horticulture plants, farm forestry plants, ornamental plants, organic agri inputs, vermibed, health supplements, farm development, agriculture consultancy, landscaping, and much more. We are helping farming families to increase production sustainably and sell more crops in the most effective way. For over two and a half years, Green India Champion Agro Private Limited has served the green industry in Maharashtra, Madhya Pradesh, Chhattisgarh, and Rajasthan with a passion for growing alongside our customers. Today and tomorrow, we're here to help make your operation cost-effective and timely with a friendly, responsive staff and a sales team brimming with industry experience.

### **Tissue Culture fig (Fig-Diana variety)**

#### **Fig (*Ficus* *Sp.* - *Moraceae*)**

Figs are one of the oldest fruits in the world. This fruit is juicy and pulpy, and its color can be light yellow, dark gold, or deep purple. Known for their beauty and taste, figs are delicious, healthy, and versatile. When ripe, they collapse, and people eat them fresh. Dried figs are sold, often cut into pieces and eaten with milk and sugar. This is a very beneficial fruit. The sugar content in dried figs is about 62 percent, while freshly cooked figs contain about 22 percent sugar. Figs are rich in calcium and vitamins A and B. Eating figs can help cure constipation.

Economy	Products and uses
726 plants in 1 acre (6*10ft.)	The fruit of the fig is used to make various medicines.
8-10 months after planting can take fruits.	Use of fig leaves in the treatment of cough.
After 2 years, the production per plant in a year is about minimum 20-25 kg, 726 plants * 25kg = 18150kg.	The use of fig roots in the treatment of ringworm, leukoderma.
The market price of fig is around minimum Rs. 100-150 per kg (Raw) 18150 kg * 100 = 15150000 /-	Fig fruit has anti cancerous properties.

#### Agriculture and Economics-

**Soil** - Good, heavy soil with good drainage is suitable. Red soil is best for farming. A soil pH between six and seven is considered best for growth.

#### Planting time-

Any time of the year or from March to October when water is available is considered suitable for planting.

**Planting distance**- 6x6 feet (row spacing x plant distance) approx. 1210 plants per acre.

**Planting Method**-Take a pit of size 1.5x1.5x2. 0 feet. Add cow dung or compost to it. Then the plant should be planted in the middle.

#### Why should figs be cultivated in tissue culture?

Plants produced through tissue culture techniques can yield within a year. The trees and fruits grow uniformly, which is advantageous for market suitability. These trees have a lifespan ranging from twenty to twenty-five years. Figs thrive in environments with temperatures between 20 and 46 degrees Celsius and can endure drought conditions. The fruit's peel is thin, and this species is the fastest-growing among all fig varieties. Its seeds are crunchy, and the fruit has an extended shelf life. Moreover, this species is free from fig mosaic virus.

Due to the high immunity of these plants, soil-borne disease incidence is low, and their production capacity is high. The economic benefits are significant, making this species highly suitable for producing processed dried figs.

**Water Management-** Give drip irrigation immediately after planting. In summer, 12-14 liters per tree is required per day.

**Inter Crops-** Various intercrops can be taken in it. Geranium is the best crop. Due to this, there is no pest on figs, geranium is also used for oil.

In this, we highly encourage the cultivation of Geranium.

**Inter-cropping**— Figs are rarely affected by disease. Suppose roots, grubs and fungi are found. In that case, insecticides should be released through drip, suitable fungicide to prevent crop damage due to insect diseases, and proper fertilizer management should be done through drip.

Also protect yourself from animal and wild boars.

#### Uses of Figs-

Figs are used for eating fruits. Figs are a good source of calcium, vitamin A, protein.



**Production / Economics-** Yield starts 8 to 10 months after planting. At present the price is Rs 100-150 per kg. Also, dry figs are getting the price of Rs 400 to 600. Generally, 20 to 25 kg yield per tree per year.



## Tissue Culture Fig Plant



## Contact Details

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