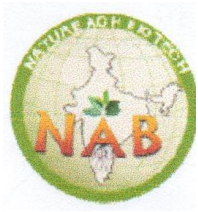


National AG Biotech

MAHOGANY SWEETENIA



GSTIN: 37AAQFN9290B1ZU

Corporate Office & Nursery:

NATIONAL AG BIOTECH

Huskur Kodi,

Old Madras Road,

Near Hoskote Toll,

Bangalore-560049,

KARNATAKA, INDIA.

☎ 9491035007, 9000009946

☎ 9949381997

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Mahogany is a straight-grained, reddish-brown timber of three tropical hardwood species of the genus *Swietenia*. Mahogany is used commercially for a wide variety of goods, due to its coloring and durable nature.

Mahogany is wood from any of three tree species: Honduran or big-leaf mahogany (*Swietenia macrophylla*), West Indian or Cuban mahogany (*Swietenia mahogany*), and *Swietenia humilis*. Mahogany is a valuable lumber used for paneling, furniture, boats, musical instruments, and other items. The Mahogany tree "SWEITENIA" is a high value timber tree known for its redwood color, strength, durability, water resistance and aesthetic appeal. The Mahogany tree can grow over 60 to 70 Ft. high and reaching around 4 to 5 Ft. diameter. Mahogany is the most prized timber tree of India. It can be grown in almost every part of the country .

Salient features of National AG Biotech MAHOGANY:

- Cutting can be done after 8 year only.
- The size of grith will be 3.5ff at 8 years.
- Each tree will be yielding upto 30 Cu.m of hardwood after 8 years.

About National AG Biotech

- ✓ National AG Biotech is one of the topmost companies producing Hi Quality Tissue Culture Super Clones and agriculture products for over 30 years in compliance with National and Internationally recognized standards.
- ✓ We are the largest producers of Mahogany clones in the India and premier supplier to the global farmers.

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- ✓ We are entrusted with the triple functions of producing trained personnel, carrying out research and extension activities in agriculture and plantation sectors.
- ✓ We are having well-established plant culture laboratory with hardening facilities and producing a wide variety of Horticulture, Medicine plants.
- ✓ We regularly supply to various Government departments, Organizations and farmers in the areas of Arunachal Pradesh, Meghalaya, Maharashtra, Goa, West Bengal, Karnataka, Andhra Pradesh, Telangana and Kerala since 1993 besides exporting to Australia, Malaysia etc.
- ✓ We ensure desired quality in all the clones, uniquely qualified to meet these needs of our customers in the different ways that create ongoing good relationships. We can't accomplish them alone. The customer's relationship is an investment in the long-term success of our company.
- ✓ We are nature lovers and doing business to protect nature and make the environment green. Our wish is to make greenery as much as possible.

Climate & Soil:

National AG Biotech Mahogany can grow in any soil. It thrives best in well-drained soil. It grows in a wide range of temperatures but 22°C to 44°C is favorable. Rainfall shall be 1200mm – 2500 mm.

Land Requirements & Practices:

- National AG Biotech Mahogany clones are planted in pits of about 90 cm x 90 cm x 90 cm at a spacing of 12ft x 9ft either way and covered with soil to the collar level and pressed around.
- Watering should be done immediately after planting. During the first two weeks watering should be done on an alternate day. Subsequently watering can be done once in 3 to 4 days depending upon the soil and weather conditions.
- Fertilizers for first year N: P: K (17:17:17) & Micro Nutrients 200gms. / Plant / month, except dormancy (Dec - Jan) period. Every month this has to be split and applied through pocket manuring. Make a hole 1 ft. away



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from the plants and the depth of the pit should be 1 ft. Apply the fertilizer in the hole and fill it with the soil. Micro nutrient application 1 gm / lt. Of water, foliar application once in 15 days for 1 year

- Regular weeding is recommended.

Harvest:

The tress grow up to 70ft in 8 years, with grith up to 3.5ft.



Yield: The National AG Biotech Mahogany will yield up to 30 Cu.M of Hard Wood per tree.

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Cost Benefit Analysis:

1 acre	43560
Spacing (12ft x 9ft)	108
Number of plants	404
Price per plant	350
Total Plants Cost	141400
1 Year ESTABLISHMENT COST	133977
1 Year Maintenance 1 person	48280
Irrigation equipment	24140
Weeding labour 2 times	12070
Fertilizers for every 2months	9656
Insecticides	13277
Total 1 Year cost	241400
II Year cost	96560
Total Cost in 8 Years	1058720
INCOME AFTER 8 YEARS	30300000



The yield is 30 Cu.M per tree rounding to 12120 Cu.M per acre after 8 years. At present average rate of ₹ 2500/- per Cu.M the income will be ₹ 3,03,00,000/-

National AG Biotech Mahogany Plant Price - ₹ 350/-

Thanking you

For NATIONAL AG BIOTECH

Corporate Office & Nursery:

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**Opp. to Someswara Temple, Huskur Kodi, Old Madras Road,
Behind orion uptown mall, Near Hoskote Toll,
Bangalore-560049, KARNATAKA, INDIA.**

Contact: C. Reddy Subramani, ☎ 9491035007, 9000009946

National AG Biotech

Registered Address:

III-161-28-5-A-4,

SBI COLONY EXT. BK. PALLI,

MADANAPALLE - 517325,

ANDHRA PRADESH, INDIA

email: info@nationalagbiotech.com, reddy@nationalagbiotech.com