

Banana Leaf Plate Manufacturing: The Making of By-Product of Banana Tree, Green Product for Green Climate



Introduction

Banana leaves have a wide range of applications because they are large, flexible, waterproof and decorative. They are used for cooking, wrapping and food-serving in a wide range of cuisines in tropical and subtropical areas. They are used for decorative and symbolic purposes in numerous Hindu and Buddhist ceremonies. In traditional homebuilding in tropical areas, roofs and fences are made with dry banana-leaf thatch.

Banana and palm leaves were historically the primary writing surfaces in many nations of South and Southeast Asia.

Disposable cutlery and containers are products that are a part of our day to day life. Disposable items like cups, plates, saucers are being increasingly used. Such disposable items are made with natural materials like leaf as well as man made products like paper, plastics. Leaf cups, plates have greater hygiene value.

Banana leaf plate making is a state of the art to develop biodegradable and compostable alternatives to petrochemical based plastics and polystyrene.

Product and is strong just like the ordinary pulp paper plates and are made from natural, biodegradable product. These leaf plates are popular among those who appreciate the concept of using natural plate materials in an original and organic way. The banana leaf plates can be manufactured with the best quality leaves and are distinct in style.

These are the perfect pieces used for serving any occasion, party, gatherings or grand party.

These plates can be easily disposed and are environment friendly. Environment friendly products helps to keep the environment clean and make the planet good to live. Presently most of the disposable containers are made from plastics and paper. But the use of plastics is either discouraged or banned because the cause environmental pollution.

Hence, banana leaves as an alternative material, offers great usage and health environment. These plates are itself very strong, and hot, cold, heavy and sloppy food is easily coped with. These are great for parties and barbeques. In future, the demand of Disposable Plates from Banana Leaves will increase day by day.

Cost Estimation:

Capacity	:	9000000 Nos./Annum Disposable Plates from Banana Leave
Plant & Machinery	:	6.5 Lakhs
Total Capital Investment	:	34 Lakhs
Rate of Return	:	51%
Break Even Point	:	48%

Major Queries/Questions Answered in the Report?

- 1. How to Start Banana Leaves Plates Manufacturing industry ?**
- 2. What is the Project Feasibility of a Banana Leaves Plates Manufacturing Plant ?**
- 3. What are the requirements of Working Capital for setting up a Disposable Banana Leaves Plates plant?**

- 4. What is the total project cost for setting up Disposable Banana Leaves Plates plant ?**
- 5. What are the operating costs for setting up a Disposable Banana Leaves Plates plant ?**
- 6. What are the machinery and equipment requirements for setting up a Disposable Banana Leaves Plates plant ?**

- 7. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Disposable Banana Leaves Plates plant ?**
- 8. What are the requirements of raw material for setting up a Disposable Banana Leaves Plates plant ?**
- 9. Who are the Suppliers and Manufacturers of Raw materials for setting up a Disposable Banana Leaves Plates plant ?**
- 10. What is the Manufacturing Process and Formulations of a Disposable Banana Leaves Plates plant ?**

- 11. What is the total size of land required for setting up a Disposable Banana Leaves Plates plant ?**
- 12. What will be the income and expenditures for a Disposable Banana Leaves Plates plant ?**
- 13. What are the Projected Balance Sheets of a Disposable Banana Leaves Plates plant ?**
- 14. What are the requirement of utilities and overheads for setting up a Disposable Banana Leaves Plates plant?**
- 15. What is the Built up Area Requirement and cost for setting up a Disposable Banana Leaves Plates Business?**

- 16. What are the Personnel (Manpower) Requirements for setting up a Disposable Banana Leaves Plates Business?**
- 17. What are Statistics of Import & Export for Disposable Banana Leaves Plates ?**
- 18. What is the time required to break-even?**
- 19. What is the Break-Even Analysis of a Disposable Banana Leaves Plates plant?**
- 20. What are the Project financials of a Disposable Banana Leaves Plates plant?**

- 21. What are the Profitability Ratios of a Disposable Banana Leaves Plates plant?**
- 22. What is the Sensitivity Analysis-Price/Volume of a Disposable Banana Leaves Plates plant?**
- 23. What are the Projected Pay-Back Period and IRR of a Disposable Banana Leaves Plates plant?**
- 24. What is the Process Flow Sheet Diagram of a Disposable Banana Leaves Plates project?**

25. What are the Market Opportunities for setting up a Disposable Banana Leaves Plates plant?

26. What is the Market Study and Assessment for setting up a Disposable Banana Leaves Plates plant?

What is the Plant Layout for setting up a Disposable Banana Leaves Plates Business?

Table of Contents of the Project Report

Our Detailed Project Report contains

- Introduction
- Properties
- Uses & Applications
- List of Plant & Machineries
- Miscellaneous Items and Accessories
- Instruments, Laboratory Equipments and Accessories
- Electrification, Electric Load and Water
- Maintenance, Suppliers/Manufacturers of Plant and Machineries
- Process of Manufacture
- Flow Sheet Diagram

- List of Raw Materials
- Availability of Raw Materials
- Requirement of Staff & Labour
- Skilled & Unskilled Labour
- Requirement of Land Area
- Built up Area
- Plant Layout.

Along with financial details as under:

- Assumptions for Profitability workings
- Plant Economics
- Production Schedule
- Land & Building
 - Factory Land & Building
 - Site Development Expenses
- Plant & Machinery
 - Indigenous Machineries
 - Other Machineries (Miscellaneous, Laboratory etc.)

- Other Fixed Assets
 - Furniture & Fixtures
 - Pre-operative and Preliminary Expenses
 - Technical Knowhow
 - Provision of Contingencies

- Working Capital Requirement Per Month
 - Raw Material
 - Packing Material
 - Lab & ETP Chemical Cost
 - Consumable Store

- Overheads Required Per Month And Per Annum
 - Utilities & Overheads (Power, Water and Fuel Expenses etc.)
 - Royalty and Other Charges
 - Selling and Distribution Expenses
- Salary and Wages
- Turnover Per Annum
- Share Capital
 - Equity Capital
 - Preference Share Capital

- **Annexure 1** :: Cost of Project and Means of Finance
- **Annexure 2** :: Profitability and Net Cash Accruals
 - Revenue/Income/Realisation
 - Expenses/Cost of Products/Services/Items
 - Gross Profit
 - Financial Charges
 - Total Cost of Sales
 - Net Profit After Taxes
 - Net Cash Accruals

- **Annexure 3** :: Assessment of Working Capital requirements
 - Current Assets
 - Gross Working. Capital
 - Current Liabilities
 - Net Working Capital
 - Working Note for Calculation of Work-in-process
- **Annexure 4** :: Sources and Disposition of Funds

- **Annexure 6** :: Profitability ratios
 - D.S.C.R
 - Earnings Per Share (EPS)
 - Debt Equity Ratio

- **Annexure 7** :: Break-Even Analysis
 - Variable Cost & Expenses
 - Semi-Var./Semi-Fixed Exp.
 - Profit Volume Ratio (PVR)
 - Fixed Expenses / Cost
 - B.E.P

- **Annexure 8 to 11** :: Sensitivity Analysis-
Price/Volume

- Resultant N.P.B.T
- Resultant D.S.C.R
- Resultant PV Ratio
- Resultant DER
- Resultant ROI
- Resultant BEP

- **Annexure 12** :: Shareholding Pattern and
Stake Status

- Equity Capital
- Preference Share Capital

- **Annexure 13** :: Quantitative Details-
Output/Sales/Stocks
 - Determined Capacity P.A of Products/Services
 - Achievable Efficiency/Yield % of
Products/Services/Items
 - Net Usable Load/Capacity of
Products/Services/Items
 - Expected Sales/ Revenue/ Income of Products/
Services/ Items

- **Annexure 14** :: Product wise domestic
Sales Realisation

- **Annexure 15** :: Total Raw Material Cost

- **Annexure 16** :: Raw Material Cost per unit
- **Annexure 17** :: Total Lab & ETP Chemical Cost
- **Annexure 18** :: Consumables, Store etc.,
- **Annexure 19** :: Packing Material Cost
- **Annexure 20** :: Packing Material Cost Per Unit
- **Annexure 21** :: Employees Expenses
- **Annexure 22** :: Fuel Expenses

- **Annexure 23** :: Power / Electricity Expenses
- **Annexure 24** :: Royalty & Other Charges
- **Annexure 25** :: Repairs & Maintenance Exp.
- **Annexure 26** :: Other Mfg. Expenses
- **Annexure 27** :: Administration Expenses
- **Annexure 28** :: Selling Expenses

- **Annexure 29** :: Depreciation Charges – as per Books (Total)
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- **Annexure 33** :: Interest and Repayment -
Term Loans
- **Annexure 34** :: Tax on Profits
- **Annexure 35** :: Projected Pay-Back
Period And IRR

Reasons for buying our report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on **Banana Leaf Plate Manufacturing**” provides an insight into the **Disposable Banana Leaves Plates** market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of **Disposable Banana Leaves Plates** project. The report assesses the market sizing and growth of the Indian **Disposable Banana Leaves Plates** Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Disposable Banana Leaves Plates sector in India along with its business prospects. Through this report we have identified Disposable Banana Leaves Plates project as a lucrative investment avenue.

Leaf Plate Making, Banana Leaves – Thali, Making of Banana Leaf Plates, Disposable Leaf Plates, How to Make Banana Leaf Plates, Best Low Cost Business Ideas, Small Business Ideas that are Easy to Start, Low Cost Business Ideas, Simple Low Cost Business Ideas, Top Small Business Ideas Low Invest Big Profit in India Smart Business Ideas, Very Low Budget Best Business Ideas, Low Investment High Profit Business, Small Business Ideas to Make Money, Top Profitable Small Business Ideas in India, Best Business Ideas for Rural Areas in India & World Top Best Small Business Idea, Invest Low, Top Best Small Business Ideas for Beginners 2017, Small Business But Big Profit in India, Profitable Small Business Ideas with Small Investment, Best Home Based Business Ideas, Best Part Time Business Ideas to Start New Business, Best Ideas for Low Budget Business and More Profits,

Business Ideas With Low Investment, How to Get Rich?, Low Cost Small Business Ideas for India, Best Small Business Ideas in India to Start Business, 100% Risk Free Business, Top Best Small Business Ideas for Women in 2017, Low-Cost Business Ideas for Introverts, Low Budget Best Small Business Idea for Self Employment, Low Cost Business Ideas with High Profit, Most Profitable Business Ideas with Low Investment, Easy Simple Best Unique Low Cost Small Investment, Start up Business Ideas, What is Low Cost Business to Start?, Start Small Business, Low Investment Manufacturing Business in India, Low Cost Small Business Ideas that Actually Work, Secret to Making Money by Starting Small Business, Small Business Ideas with Small Capital, How to Start Business in India, Top Small Business Ideas in India for Starting Your Own Business, Top Easy Small Business Ideas in India, Small Investment Big Returns, Top Best Small Business Ideas in India

**Niir Project Consultancy Services (NPCS)
can provide Detailed Project Report on**

**Banana Leaf Plate Manufacturing:
The Making of By-Product of Banana
Tree, Green Product for Green
Climate**

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Free Instant Online Project Identification & Selection Search Facility

Selection process starts with the generation of a product idea. In order to select the most promising project, the entrepreneur needs to generate a few ideas about the possible projects.

Here's we offer a best and easiest way for every entrepreneur to searching criteria of projects on our website www.entrepreneurindia.co that is "Instant Online Project Identification and Selection"

NPCS Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.

Click here to go

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Contact us

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An ISO 9001:2015 Company



Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.



We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.



What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

Sectors We Cover *Cont...*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

Sectors We Cover *Cont...*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

Sectors We Cover *Cont...*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

Sectors We Cover *Cont...*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

Sectors We Cover *Cont...*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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