Litchi Beverage Production.

Lychee Fruit Juice.

Litchi Drink Manufacturing Industry
Introduction

Lychee/Litchi is a tropical fruit native to low elevation lands of China, Taiwan and South East Asia. It is a seasonal fruit found in plenty during the summer seasons. It grows on a slow growing medium sized evergreen tree, in clusters and usually has a round or oval shape. This fruit has a close resemblance to longan and other rambutan fruits. The outer surface is covered with a red colored rough textured easily removable rind. Inside it consists of translucent white sweet and juicy fruit. The pulp has a single glossy brown nut like seed.
In India lychee is cultivated in Muzaffarpur, Bihar and in North India. Muzaffarpur produces 75% of India’s total litchi production. Fruit juices contain a range of minerals, vitamins and bioactive compounds, such as phytochemicals, that are important for good health. Juice is extracted from the fruit and the water content is reduced (by evaporating off the water naturally present) in the country of origin. The concentrated juice is usually frozen and shipped to the country of use for packing. Fruit juice packers then reconstitute the juice by adding back the water.
Market Outlook

The global fruit juice market reached a volume of 45.4 Billion Litres in 2018. The juice market is growing at a healthy clip across various developing and developed countries. The mounting focus of consumers toward a healthier consumption of fruits and vegetables and recent changes in their dietary habits are the key factors driving the evolution of the juice market. A burgeoning convenience foods segment in emerging regions and increasing awareness about the nutritional benefits of juices have provided a robust fillip to the consumption of packaged fruits juices. The growth of the juice market is governed by a variety of region-specific factors, such as geographical distribution of fruits and vegetables.
For instance, the consumer preference toward the consumption of fresh fruits may hamper the demand for fruit juices in some regions. Fruit juices are available in a wide variation ranging from citrus to tropical fruits. Since these products provide nutritional value additions, they are preferred by a large majority of the population. In many instances, fruit juices are incorporated as a part of the daily breakfast routine as they provide daily quota of minerals and vitamins in one serving.

With increased number of consumers globally following the trend of healthier lifestyles the demand for fruit juices has increased tremendously causing manufacturers to develop new variants. Fruit juice is a liquid that is naturally contained in fruits. It is extracted by mechanically squeezing or macerating the fruits.
It is commonly consumed as a beverage or used as an ingredient or flavouring agent in foods. Owing to its refreshing nature and nutritional benefits, the fruit juice market currently represents a multibillion dollar industry. The market is further expected to grow at a CAGR of 1.7% during 2018-2023, reaching a volume of around 49.3 Billion Litres by 2023.

India fruit juice market is majorly driven by the factors such as rising health consciousness, as a result of which the consumers now prefer more organic beverages over carbonated drinks which are free from added sugar and artificial flavors and preservatives. Children centered fruit juice market is one of the high potential market, which is barely promoted by any producer of fruit juices.
As a major market for fruit drinks, children fruit drink market majorly consists of protein drinks and milk beverages. Under the requirement of higher nutrient values, children fruit juices fascinate consumers with attractive packaging and designs, which ensures positive market prospects.

On the basis of type, the global fruit juice market is segregated as 100% fruit juice, nectars, juice drinks, concentrates, power juice and others. Currently, juice drinks account for the majority of the market share, representing the most popular product type. Juice drinks contain several vitamins, flavors and anti-oxidants owing to which they are preferred by the consumers. The market for fruit juice is driven by several growth-inducing factors.
Changes in lifestyles and awareness regarding the consumption of a healthy and balanced diet have steered the growth of the global juice market. The primary factor for the growth is the rising health concerns, as a result of which the consumers are now shifting from carbonated drinks to organic beverages which are free from added sugar, flavours and preservatives. This has increased the demand for fruit juice globally. Some of the other factors which have accelerated the demand for fruit juice are increasing disposable incomes, value addition, product innovation and growth in emerging markets. India fruit juice market is majorly driven by the factors such as rising health consciousness, as a result of which the consumers now prefer more organic beverages over carbonated drinks which are free from added sugar and artificial flavors and preservatives.
Children centered fruit juice market is one of the high potential market, which is barely promoted by any producer of fruit juices. As a result of the growing consumption of vegetable and fruit juice, the global market for juice is likely to witness strong growth over the forthcoming years. However, the growth of the global juice market is entirely dependent on the geographical distribution and availability of vegetables and fruits.

In the beverage industry, juices constitute the most competitive segment. The global juice market is likely to be driven by the mounting consumer inclination towards juice. The demand for healthy food products from diet and fitness conscious consumers is one of the leading drivers of the global juice market.
To meet the requirements of consumers, manufacturers of juice products are focusing on introducing different varieties and flavors of juices along with innovative packaging, and product development. As dietary and health concerns are rising among consumers, the demand for vegetables and fruit juices is also rising.
1. What is Lychee Juice Manufacturing industry?

2. How has the Lychee Juice Manufacturing industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of Lychee Juice Manufacturing Plant?

4. What are the requirements of Working Capital for setting up Lychee Juice Manufacturing plant?
5. What is the structure of the Lychee Juice Manufacturing Business and who are the key/major players?

6. What is the total project cost for setting up Lychee Juice Manufacturing Business?

7. What are the operating costs for setting up Lychee Juice Manufacturing plant?

8. What are the machinery and equipment requirements for setting up Lychee Juice Manufacturing plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Lychee Juice Manufacturing plant?

10. What are the requirements of raw material for setting up Lychee Juice Manufacturing plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Lychee Juice Manufacturing Business?

12. What is the Manufacturing Process of Lychee Juice?
13. What is the total size of land required for setting up Lychee Juice Manufacturing plant?

14. What will be the income and expenditures for Lychee Juice Manufacturing Business?

15. What are the Projected Balance Sheets of Lychee Juice Manufacturing plant?

16. What are the requirement of utilities and overheads for setting up Lychee Juice Manufacturing plant?

17. What is the Built up Area Requirement and cost for setting up Lychee Juice Manufacturing Business?
18. What are the Personnel (Manpower) Requirements for setting up Lychee Juice Manufacturing Business?

19. What are Statistics of Import & Export for Lychee Juice?

20. What is the time required to break-even of Lychee Juice Manufacturing Business?

21. What is the Break-Even Analysis of Lychee Juice Manufacturing plant?

22. What are the Project financials of Lychee Juice Manufacturing Business?
23. What are the Profitability Ratios of Lychee Juice Manufacturing Project?

24. What is the Sensitivity Analysis-Price/Volume of Lychee Juice Manufacturing plant?

25. What are the Projected Pay-Back Period and IRR of Lychee Juice Manufacturing plant?

26. What is the Process Flow Sheet Diagram of Lychee Juice Manufacturing project?
27. What are the Market Opportunities for setting up Lychee Juice Manufacturing plant?

28. What is the Market Study and Assessment for setting up Lychee Juice Manufacturing Business?

29. What is the Plant Layout for setting up Lychee Juice Manufacturing Business?
Table of Contents of the Project Report
1. **PROJECT LOCATION**
   1.1. District Profile and Geotechnical Site Characterization
   1.1.1. General
   1.1.2. Physical Characteristics
   1.1.3. Climate and Rainfall
   1.1.4. Map
   1.1.5. Economy and Industry
   1.1.6. Transport

2. **INTRODUCTION**

3. **BENEFITS**

4. **USES OF LYCHEE JUICE**

5. **PROPERTIES**

6. **MARKET SURVEY**

7. **EXPORT & IMPORT: ALL COUNTRIES**
   7.1. Export: All Countries
   7.2. Import: All Countries
9. MANUFACTURING PROCESS

10. PROCESS FLOW DIAGRAM

11. SUPPLIERS OF PLANT & MACHINERY

12. SUPPLIERS OF RAW MATERIAL

13. PHOTOGRAPHS/IMAGES FOR REFERENCE
   13.1. Machinery Photographs
   13.2. Raw Material Photographs
   13.3. Product Photographs

14. PLANT LAYOUT
Project Financials

- Project at a Glance
- Assumptions for Profitability workings
- Plant Economics
- Production Schedule
- Land & Building

Annexure

1. Assumptions for Profitability workings
2. Plant Economics
3. Production Schedule
4. 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…………………….8
  Utilities & Overheads (Power, Water and Fuel Expenses etc.)
  Royalty and Other Charges
  Selling and Distribution Expenses

- Salary and Wages …………………………………………………………..9

- Turnover Per Annum ……………………………………………………10

- Share Capital……………………………………………………………11
  
  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 5 :: Projected Balance Sheets

- ROI (Average of Fixed Assets)
- RONW (Average of Share Capital)
- ROI (Average of Total Assets)

Annexure 6 :: Profitability Ratios

- D.S.C.R
- Earnings Per Share (EPS)
- Debt Equity Ratio
• Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- 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
<table>
<thead>
<tr>
<th>Annexure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Employees Expenses</td>
</tr>
<tr>
<td>22</td>
<td>Fuel Expenses</td>
</tr>
<tr>
<td>23</td>
<td>Power/Electricity Expenses</td>
</tr>
<tr>
<td>24</td>
<td>Royalty &amp; Other Charges</td>
</tr>
<tr>
<td>25</td>
<td>Repairs &amp; Maintenance Expenses</td>
</tr>
<tr>
<td>26</td>
<td>Other Manufacturing Expenses</td>
</tr>
<tr>
<td>27</td>
<td>Administration Expenses</td>
</tr>
<tr>
<td>28</td>
<td>Selling Expenses</td>
</tr>
<tr>
<td>Annexure</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>29</td>
<td>Depreciation Charges – as per Books (Total)</td>
</tr>
<tr>
<td>30</td>
<td>Depreciation Charges – as per Books (P &amp; M)</td>
</tr>
<tr>
<td>31</td>
<td>Depreciation Charges - as per IT Act WDV (Total)</td>
</tr>
<tr>
<td>32</td>
<td>Depreciation Charges - as per IT Act WDV (P &amp; M)</td>
</tr>
<tr>
<td>33</td>
<td>Interest and Repayment - Term Loans</td>
</tr>
<tr>
<td>34</td>
<td>Tax on Profits</td>
</tr>
<tr>
<td>35</td>
<td>Projected Pay-Back Period and IRR</td>
</tr>
</tbody>
</table>
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.

www.entrepreneurindia.co
The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Lychee Juice.” provides an insight into Lychee Juice market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Lychee Juice project. The report assesses the market sizing and growth of the Indian Lychee Juice 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 NPCS, 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 Lychee Juice sector in India along with its business prospects. Through this report we have identified Lychee Juice project as a lucrative investment avenue.
Visit us at

www.entrepreneurindia.co
Take a look at Niir Project Consultancy Services on #Street View
https://goo.gl/VstWkd

Locate us on Google Maps
https://goo.gl/maps/BKkUtq9gevT2
Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertakings, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look
https://goo.gl/G3lCjV
Free Instant Online Project Identification and Selection Service

Our 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......Read more
Download Complete List of Project Reports:

- Detailed Project Reports

NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the 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

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,
Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects......Read more
Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email: npcs.ei@gmail.com, info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955
Mobile: +91-9811043595
Fax: +91-11-23845886

Website: www.entrepreneurindia.co, www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd
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

1. Requirement collection
2. Thorough analysis of the project
3. Economic feasibility study of the Project
4. Market potential survey/research
5. Report Compilation
Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email:  npcs.ei@gmail.com , info@entrepreneurindia.co
Tel: +91-11-23843955, 23845654, 23845886, 8800733955
Mobile: +91-9811043595
Fax: +91-11-23845886

Website : www.entrepreneurindia.co , www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd
Follow us

- https://www.linkedin.com/company/niir-project-consultancy-services
- https://www.facebook.com/NIIR.ORG
- https://www.youtube.com/user/NIIRproject
- https://plus.google.com/+EntrepreneurIndiaNewDelhi
- https://twitter.com/npcs_in
- https://www.pinterest.com/npcsindia/
For more information, visit us at:
www.niir.org
www.entrepreneurindia.co