List of Profitable Business Ideas on Tamarind Seed Processing and By-Products.

Tamarind (Tamarindus Indica) Processing Industry.

Processed Products of Tamarind.

Tamarind Kernel Powder, Gum from Tamarind Seed Powder, Tamarind Pulp from Tamarind, Tamarind Juice Powder, Oil from Tamarind Seed, Tartaric Acid, Food Colour, Crude Pectin, Tamarind Oil
India is the world’s largest producer of Tamarind, with a production of over 2 lakh tonnes. Tamarind is cultivated in Karnataka, Tamil Nadu, Chhattisgarh, Kerala, Andhra Pradesh, Maharashtra and Telangana.

Tamarind Pulp is used in numerous culinary preparations. It is also a raw material for the preparation of wine like beverages. The tamarind kernel powder is found to be extensively used for its sizing properties, in textile, confectionary, cosmetics and pharmaceutical industries. The testa is used in dyeing and tanning industry. The tender leaves and flowers are used as vegetables. In medicine, it is used as appetizing, laxative, healing and anti-helmintic. It is also used against fluorosis.
## Indian Production of Tamarind

<table>
<thead>
<tr>
<th>Sr No.</th>
<th>State</th>
<th>Production (000 Tonnes)</th>
<th>Share (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Karnataka</td>
<td>72.15</td>
<td>37.11</td>
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<tr>
<td>2</td>
<td>Tamil Nadu</td>
<td>49.66</td>
<td>25.54</td>
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<tr>
<td>3</td>
<td>Kerala</td>
<td>37.30</td>
<td>19.19</td>
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<td>4</td>
<td>Telangana</td>
<td>12.49</td>
<td>6.42</td>
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<tr>
<td>5</td>
<td>Maharashtra</td>
<td>11.40</td>
<td>5.86</td>
</tr>
<tr>
<td>6</td>
<td>andhra Pradesh</td>
<td>11.10</td>
<td>5.71</td>
</tr>
<tr>
<td>7</td>
<td>Others</td>
<td>0.28</td>
<td>0.14</td>
</tr>
<tr>
<td>8</td>
<td>Mizoram</td>
<td>0.03</td>
<td>0.02</td>
</tr>
</tbody>
</table>
State wise Share of Tamarind Production

- **Karnataka**, 34%
- **Kerala**, 17%
- **Tamil Nadu**, 23%
- **Maharashtra**, 5%
- **Andhra Pradesh**, 5%
- **Telangana**, 6%
- **Chhattisgarh**, 9%
- **Mizoram**, 0.014%
Around 50,000 tonnes of Tamarind is exported in various forms including fresh fruit, deseeded dry tamarind and Tamarind powder.
Tamarind Exports: Product wise Breakup

- Tamarind seed powders/Thickeners: 33%
- Tamarind fresh: 20%
- Tamarind flour/meal/powder: 3%
- Dry tamarind: 36%
Tamarind extract is used in a variety of food products to enhance flavor and health benefits. Traditionally, tamarind extracts were used in juices due to its coolant property and were excessively consumed in the Middle Eastern region. It is a regularly used food ingredient in Asia and Latin America regions. Tamarind extract is used for manufacturing of tamarind concentrate, which is used in the preparation of blends for fruit juice, sauces, pickles etc. Tamarind extracts are used as natural preservatives, owing to its antifungal, antiseptic and antimicrobial properties. The other health benefits of tamarind extract are that it acts as an antioxidant. It is used to cure digestive problems, conjunctivitis, common cold, fever etc.
Tamarind extracts are also used in cosmetic products. It acts as a bleaching and skin hydrating agent in cosmetic products. The fragrance oils made from tamarind extract has a sour and sweet essence. It is incorporated as a fragrance ingredient in a variety of products such as soaps, candles, air fresheners, bath oils, aromatherapy products, incense sticks, laundry products etc.
The use of tamarind extract in the rapidly growing food industry is expected to be a major driver for the growth of global tamarind extract market. Tamarind extracts are used as an alternative for chemical preservatives such as lactic, acetic, benzoic acids etc. The increasing consumer awareness regarding food safety and health benefits of natural preservatives is anticipated to boost global tamarind extract market. The rise in demand and production of processed food and adoption of natural processing techniques by the food industry is expected to drive global tamarind extract market growth. Tamarind extract is an important ingredient in cosmetic and fragrance industry. The upsurge in consumer demand for organic food and ayurvedic medicines is expected to propel the growth of global tamarind extract market.
The global tamarind extract market can be divided into five regions, namely North America, Latin America, Europe, Asia-Pacific (APAC) and the Middle East & Africa (MEA). APAC holds major share in global tamarind extract market. India is the major manufacturer and exporter of tamarind extract. The increasing investment in the healthcare industry and adoption of ayurveda is expected to drive tamarind extract market growth in the region. North America and Europe accounts for a significant share in global tamarind extract market. This is attributed to the mature food processing industries in these regions. Tamarind extract is used as a major ingredient in fruit juices in the desert regions of the Middle Eastern region due to its cooling effect.
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The following industries have been proven to be quite Profitable:

- **TAMARIND PULP FROM TAMARIND**

  Tamarind is widely used in vegetable preparation or producing sour taste in different kind of foods, snacks etc. It is generally used as paste forms or water extracts and produces good sour taste. Generally it contents tartaric acid, red colour pigment, fruit sugars, minerals etc. [Read more](#)
TAMARIND JUICE CONCENTRATE

Tamarind is a fruit of highly soured nature having big trees all over India. Tamarind cultivation is used for the extraction of its fruit juice and pulp. The tamarind pulp is the chief agent for souring curries, sauces, chutneys and certain beverages and stored for marketing in a number of ways. Read more
TAMARIND BASED PRODUCTS- TARTARIC ACID, FOOD COLOUR, CRUDE PECTIN, TAMARIND OIL, TAMARIND PROTEIN

India is the major producer of tamarind in the world. In the tropic zone, tamarind is used in many dishes or traditional drinks, but the commercial cultivation of the crop was initiated only recently. Every part of the tree is useful, specially the fruit. The sweetish acidic pulp of the fruit is the product of commerce. Read more
EXTRACTION OF OIL FROM TAMARIND SEEDS

Tamarind is one of the best vegetable products which is largely used by the domestic people as well as in the hotels, dhabas and restaurants for the food preparation as sour taste. This has very good palatable sour taste. After extraction of pulps from tamarind there is bye product of tamarind seed. Read more
CORRUGATED CARTON BOXES GUM POWDER (TAMARIND KERNEL POWDER BASE)

It is basically gum powder made from tamarind kernel, dimethyl hydantion formaldehyde, polyvinyl alcohol all the required raw material and machinery is easily available in India. Few private organizations are engaged in the manufacturing of corrugation gum powder. Read more
Tamarind Pulp Processing, Opportunity in Tamarind Processing in India, Tamarind Products Manufacture, Value Added Products from Tamarind, Processed products of Tamarind, Tamarind Pulp from Tamarind. Tamarind Paste Manufacturing Project, Production of Tamarind Pulp from Tamarind, Projects on Tamarind and Tamarind Based Products, Tamarind Seed: Properties, Processing and Utilization, Opportunity in Tamarind Processing in India, Modified Tamarind Kernel Powder, Carboxy Methyl Tamarind Kernel Powder, Tamarindus Indica, Tamarind and Tamarind Based Products, Tamarind Processing Unit, How to Start Food Processing Unit in India, Tamarind Pulp Processing Plant, Processing of Tamarind Juice Concentrate, Tamarind Concentrate, Processing of Tamarind Pulp/Puree and Concentrate, Tamarind Concentrate Manufacture, How to Prepare Tamarind Pulp? Tamarind Processing Business, Production of Tamarind Juice Concentrate, Production of Tamarind Based Products- Tartaric Acid, Food Colour, Crude Pectin, Tamarind Oil, Tamarind Protein, Tamarind Seed Processing, Extraction of Oil from Tamarind Seeds, Corrugated Carton Boxes Gum Powder (Tamarind Kernel Powder Base), Tamarind Pulp Processing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas,
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1. How has the industry performed so far and how will it perform in the coming years?
2. What is the Project Feasibility of the Plant?
3. What are the requirements of Working Capital for setting up the plant?
4. What is the structure of the industry and who are the key/major players?
5. What is the total project cost for setting up the plant?
6. What are the operating costs for setting up the plant?
7. What are the machinery and equipment requirements for setting up the plant?
8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?
9. What are the requirements of raw material for setting up the plant?
10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?

11. What is the Manufacturing Process of the plant?

12. What is the total size of land required for setting up the plant?

13. What will be the income and expenditures for the plant?

14. What are the Projected Balance Sheets of the plant?
15. What are the requirement of utilities and overheads for setting up the plant?

16. What is the Built up Area Requirement and cost for setting up the plant?

17. What are the Personnel (Manpower) Requirements for setting up the plant?

18. What are Statistics of Import & Export for the Industry?

19. What is the time required to break-even?
20. What is the Break-Even Analysis of the plant?
21. What are the Project financials of the plant?
22. What are the Profitability Ratios of the plant?
23. What is the Sensitivity Analysis-Price/Volume of the plant?
24. What are the Projected Pay-Back Period and IRR of the plant?
25. What is the Process Flow Sheet Diagram of the plant?
26. What are the Market Opportunities for setting up the plant?
27. What is the Market Study and Assessment for setting up the plant?
28. What is the Plant Layout for setting up the plant?
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