Production of Biodegradable Tableware from Corn Starch

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity:</td>
<td>0</td>
</tr>
<tr>
<td>Plant and machinery cost:</td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td>Working Capital:</td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td>Rate of return (ROR):</td>
<td>0.00 %</td>
</tr>
<tr>
<td>Break Even Point (BEP):</td>
<td>0.00 %</td>
</tr>
<tr>
<td>TCI:</td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td>Cost of Project:</td>
<td>0.00 Lakh</td>
</tr>
</tbody>
</table>
Production of Biodegradable Tableware from Corn Starch (Maize Starch, or Corn Flour). Profitable Business Ideas on Biodegradable Products Manufacturing.

Biodegradable tableware, as the name suggests, are fully compostable and biodegradable; hence, they are widely used globally in order to reduce plastic waste and greenhouse emissions, such as methane emissions. This type of tableware can be made from sugarcane bagasse, bamboo, paper pulp, and other disposable material. These tableware are superior in strength and are environment friendly. Biodegradable tableware includes food containers and tableware such as bowls, plates, cups and meal trays, which decompose within 30 to 60 days after being discarded.

Biodegradable corn starch tableware products are to use all tree-free materials, specifically, corn starch, consists of 90% of corn starch. 100% natural and healthy.

Add certain water to corn starch and stir in a mixer machine, then fill certain amount of materials to the pressing machine and prototype by pressing machine, and then coating with waterproof membrane on product inner surface, and packaging after drying. It belongs to polymers, components include: PVTC, Acrylic Acid, Bio-plastics and water.

Related Projects: - Biodegradable Products, Recyclable, Disposable, Eco-Friendly Plastics, Bioplastics

Advantages

1. Disposable corn starch tableware is a new type of starch tableware developed by high-tech such as corn starch, tapioca starch, soybean starch, and potato starch, which is harmless to the human body.

2. The starch tableware product is buried in the soil and can degrade to form carbon dioxide and water after 90 days at a suitable temperature without causing pollution to the soil and air.

3. Starch is a renewable resource that is inexhaustible and inexhaustible, while paper tableware and plastic tableware require a small amount of wood and petrochemicals. Using corn starch as a raw material can save a small amount of oil and forest resources.

4. High quality: starch tableware products have good density, water resistance, oil resistance, anti-soaking, good low temperature and high temperature resistance, suitable for refrigerator freezing, cold storage, fresh food, microwave heating, etc.

5. It is a degradable tableware and degrades even if it is randomly thrown away.

Related Books: - Environmentally Friendly, Eco-Friendly Products, Natural Products, Biodegradable Plastics

Market Outlook

The biodegradable tableware is the eco-friendly tableware that is made from waste materials like sugarcane bagasse, rice husk, coconut coir. The rise in awareness of environmental pollution drives the biodegradable tableware market globally. There is observed to be an increasing number of emerging green businesses globally and as a result, there is an increasing potential for the production of, and the use for biodegradable tableware. The growing awareness regarding the adverse effects of plastic such as on aquatic and aerial creatures are aiding the growth of the market. Biodegradable tableware combines the convenience in the use of disposable plates with the benefit of little to no negative impact on the environment. Increasing economic awareness regarding the use of plastic and other toxic material tableware coupled with rising investment in research and development of compostable materials is encouraging the growth of the market. The Global Biodegradable Tableware Market was valued at USD 2,754.9 Million in 2018 and is projected to reach USD 4,355.1 Million by 2026, growing at a CAGR of 6.01% from 2019 to 2026.

Related Videos:-Biodegradable Products, Recyclable, Disposable, Eco-Friendly Plastics, Bioplastics, Compostable, Biodegradable Packaging for Food Products
Biodegradable tableware is an eco-friendly alternative to tableware products derived from plastic. Manufacturers are banking on biodegradable waste to produce biodegradable tableware. Bagasse - a residue that remains after utilizing the stalks to extract its juice - rice bran, wheat, and maize, is leveraged to develop biodegradable tableware. For instance, Biotrem has manufactured biodegradable tableware derived from wheat bran. Furthermore, manufacturers are exploring recyclable waste such fallen palm leaves and paper waste in order to broaden the horizon of their product lines.

Most popularly, eco-friendly cutlery are made using corn, areca leaves, and bagasse, and rice husk. Over the years, the remains of fast growing trees have been utilized. The demand for biodegradable cutlery made with bamboo in regions where they are abundantly available has gathered stream, such as in India.

**Related Project:** - Corn Starch Based Biodegradable Tableware

Growing demand for disposable and inexpensive utensils in various emerging economies is catalyzing the rise in the biodegradable cutlery market. They have gathered traction in a range of large gatherings such as parties, rallies, and social events. In several parties and big events, the demand for reusable spoons and plates is fast gathering steam.

**Projects:** - Project Reports & Profiles


**For More Details, Click Here:**

**Tags:**

#biodegradabletableware #disposableplatesandcutlery #sustainablepackaging #CornStarch #CornStarchMarket #Foodandbeverage #cornstarchmarketreport #ecofriendlyproducts #biodegradableproduct #CPLAandPLA #ecofriendlyproducts #BiodegradableManufacturing #BiodegradableProject #BiodegradableBook #DetailedProjectReport #businessconsultant #BusinessPlan #feasibilityReport #NPCS #bussinessplanchub #Startupbusiness4you #StartupBusinessPlan #startupinvestment #startup #bussinessplanchub #Startupbusiness4you #StartupBusinessPlan #startupinvestment #startup #InvestInStartups #StartupIndiaConsultants #Plan4Business #StartuPlan #InvestingCapitalForBusiness #HowToMakeYourBusinessMoreSuccessful #investorbusiness #Startupcapital #BusinessPlanning #TechnologyTrendsForBusiness #StartupIdea #bookoftheday #Newbook #NewRelease #Businessbook #InvestmentBook StartupBook #bookoftheday #Newbook #NewRelease #Businessbook #InvestmentBook StartupBook #bookoftheday #Newbook #NewRelease #Businessbook #InvestmentBook StartupBook #TechnologyBooks #booksbooksbooks #book #bookreview #bookblogging #bookstagram #techbooks #TechnicalBooks #ManufacturingBooks #hardcoverbook #bookmarket #marketbooks #marketyourbook #MakeMyBooks #SellBooksOnline #ProductionBooks #InvestmentBooks #BusinessAdviceBooks #littlebookseriesoninvestment #investbooks #bestinvestmentbooks #StratupBusinessBooks #ProjectBooks #ReportBooks
NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are:

- Pre-feasibility study
- New Project Identification
- Project Feasibility and Market Study
- Identification of Profitable Industrial Project Opportunities
- Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies
- Market Surveys and Studies
- Preparation of Techno-Economic Feasibility Reports
- Identification and Selection of Plant and Machinery
- Manufacturing Process and or Equipment required
- General Guidance
- Technical and Commercial Counseling for setting up new industrial projects and industry.

NPCS also publishes varies technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

NIIR PROJECT CONSULTANCY SERVICES
106-E, Kamla Nagar, New Delhi-110007, India.
Tel: 91-11-23843955, 23845654, 23845886, +918800733955
Mobile: +91-9811043595
Email: npcs.ei@gmail.com, info@entrepreneurindia.co
Website: www.entrepreneurIndia.co