

# How to Start a Business of Potato Powder Production – Potato Processing Business Ideas



# Introduction

Potato powder is increasingly being used in a variety of food preparations like snack foods (Mc Donald, Pringle, Haldiram namkeens etc.), soups, curries and other dishes as a thickening agent. Its use at present is mainly in hotels, restaurants, but acceptance in household is growing due to its inclusion in items like ready to cook soups, dals, curries, etc.

Potato flour is a highly versatile raw material that can be used in several processed food products. Potato cultivars were turned into flour and used to prepare mash, gulab jamuns, and paratha. The samples were compared for peeling losses, drying characteristics, chemical changes, and functional properties.



Potato is widely consumed as food all over the world. Its composition is influenced not only by genetic and environmental factors but also by maturity at harvest and subsequent storage history. Indeed the efficiency of storage is of determining importance, as on it depend the availability of potato as a fresh or processed vegetable, its palatability and also its nutritive value.



# Market Potential

The potato powder is meant only for export. Although domestic market for dehydrated and powdered potato is there but more than 70% of the total indigenous production of potato powder is exported to various countries. The potato powder is supplied in bulk to the manufacturers of the various snack food items and restaurants/hotels. The major demand is in cities like Mumbai, Delhi, Chennai, Nagpur, etc. The demand is much more than the supply at present and is likely to grow with the increasing popularity of the snack foods and other items where potato powder is used as input. It has good export potential also, and European countries are largest consumer of potato flour.

Potato powder manufacturing project can be initiated where the principal raw material, potato is easily available. The protection of food stuffs from spoilage by moulds and bacteria is a major concern of the food technologist.

That is why we have to say that potato powder manufacturing project is a good opportunity for a new start up entrepreneur with comparatively low capital investment.



Capacity : 1800 MT/  
Annum

Plant and Machinery : 543 Lakh

Cost of Project : 800 Lakh

Rate of return : 44%

Break Even Point : 40%

# Major Queries/Questions Answered in the Report?

- 1. What is Potato Powder industry?**
- 2. How has the Potato Powder industry performed so far and how will it perform in the coming years?**
- 3. What is the Project Feasibility of a Potato Powder Plant?**
- 4. What are the requirements of Working Capital for setting up a Potato Powder plant?**
- 5. What is the structure of the Potato Powder Business and who are the key/major players?**



- 6. What is the total project cost for setting up a Potato Powder plant?**
- 7. What are the operating costs for setting up a Potato Powder plant?**
- 8. What are the machinery and equipment requirements for setting up a Potato Powder plant?**
- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Potato Powder plant?**
- 10. What are the requirements of raw material for setting up a Potato Powder plant?**

- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Potato Powder plant?**
- 12. What is the Manufacturing Process and Formulations of a Potato Powder plant?**
- 13. What is the total size of land required for setting up a Potato Powder plant?**
- 14. What will be the income and expenditures for a Potato Powder plant?**
- 15. What are the Projected Balance Sheets of a Potato Powder plant?**

- 16. What are the requirement of utilities and overheads for setting up a Potato Powder plant?**
- 17. What is the Built up Area Requirement and cost for setting up a Potato Powder Business?**
- 18. What are the Personnel (Manpower) Requirements for setting up a Potato Powder Business?**
- 19. What are Statistics of Import & Export for Potato Powder ?**
- 20. What is the time required to break-even?**

**21. What is the Break-Even Analysis of a Potato Powder plant?**

**22. What are the Project financials of a Potato Powder plant?**

**23. What are the Profitability Ratios of a Potato Powder plant?**

**24. What is the Sensitivity Analysis-Price/Volume of a Potato Powder plant?**

**25. What are the Projected Pay-Back Period and IRR of a Potato Powder plant?**

- 26. What is the Process Flow Sheet Diagram of a Potato Powder plant?**
- 27. What are the Market Opportunities for setting up a Potato Powder plant?**
- 28. What is the Market Study and Assessment for setting up a Potato Powder plant?**
- 29. What is the Plant Layout for setting up a Potato Powder Business?**

# Table of Contents of the Project Report

# 1. Project Location

## 1.1. District Profile & Geotechnical Site Characterization

- 1.1.1. General
- 1.1.2. Location & Geographical Area
- 1.1.3. Topography
- 1.1.4. Administrative set up
- 1.1.5. Map
- 1.1.6. Industry at a Glance

## **2. Introduction**

## **3. Properties**

### **3.1. Potato Powder:**

## **4. Variety Of Indian Potato**

## **5. Nutrition Value**

## **6. Indian Potato Crop Calendar**



## **7. Uses And Applications**

## **8. B.I.S. Specification**

8.1. Is: 4626 - 1978 Requirement For Dehydrated Potatoes

## **9. Market Survey**

- 9.1. Potato Exports
- 9.2. State Wise Area, Production And Yield Of Potatoes
- 9.3. Pattern Of Potato Consumption
- 9.4. Conclusion:

## **10. Export & Import Statistics Data Of India**

- 10.1. Export Statistics Data On Potato Powder
- 10.2. Import Statistics Data On Potato Powder

**11. Present Manufacturers**

**12. List Of Machinery**

**13. Manufacturing Process**

**14. Process Flow Diagram**

**15. Hazard Analysis Critical Control Point (Haccp)**



**16. Suppliers Of Raw Material**

**17. Plant And Machinery Supplier**

**18. Plant Layout**

**19. Raw Material, Product &  
Machinery Photographs**

- 19.1. Raw Material Photographs
- 19.2. Machinery Photographs
- 19.3. Product Photographs

## **20. Quotation Of Plant, Machinery And Equipments From Supplier**

# Project Financials

- **Project at a Glance** **Annexure**
  - **Assumptions for Profitability workings** .....1
  - **Plant Economics**.....2
  - **Production Schedule**.....3
  - **Land & Building**.....4
- Factory Land & Building  
Site Development Expenses**

- **Plant & Machinery.....5**
  - Indigenous Machineries**
  - Other Machineries (Miscellaneous, Laboratory etc.)**
  
- **Other Fixed Assets.....6**
  - Furniture & Fixtures**
  - Pre-operative and Preliminary Expenses**
  - Technical Knowhow**
  - Provision of Contingencies**
  
- **Working Capital Requirement Per Month.....7**
  - 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**

- **Annexure 21** :: **Employees Expenses**
- **Annexure 22** :: **Fuel Expenses**
- **Annexure 23** :: **Power/Electricity Expenses**
- **Annexure 24** :: **Royalty & Other Charges**
- **Annexure 25** :: **Repairs & Maintenance Expenses**
- **Annexure 26** :: **Other Manufacturing Expenses**
- **Annexure 27** :: **Administration Expenses**
- **Annexure 28** :: **Selling Expenses**



- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

# Tags

How To Make Potato powder, Make Potato Powder, Making Potato Powder, Potato powder manufacturing plant, Processing Potatoes, Potato Processing Plant, How Potato powder is Made, Potato powder Production, Potato powder Manufacturing, Potato powder Making, Potato powder Factory, Commercial Potato powder Factory, Potato powder Manufacturing Factory, 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, How to Get Rich?, Low Cost Business Ideas for 2017, Best Low Cost Business Ideas, Simple Low Cost Business Ideas, Small Business but Big Profit in India, Best Low Cost Business Ideas, Small Business Ideas that are Easy to Start, How to Start Business in India, Top Small Business Ideas Low Invest Big Profit in India Smart Business Ideas, Very Low Budget Best Business Ideas, 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, Start Small Business-Low Cost Business Ideas, Low Investment Manufacturing Business in India, Low Cost Small Business Ideas that Actually Work, Business Ideas in India ( Low Investments ), Low Cost Small Business Ideas for India, Best Small Business Ideas in India to Start Business, Low-Cost Business Ideas for Introverts, Low Budget Best Small Business Idea for Self Employment, Low Cost Business Ideas with High Profit, Secret to Making Money by Starting Small Business, Easy Simple Best Unique Low Cost Small Investment Startup Business Ideas, Low Cost Business Ideas - What is Low Cost Business to Start?, Small Business Ideas with Small Capital, Top Best Small Business Ideas for Beginners 2017, 100% Risk Free Business, Profitable Small Business Ideas with Small Investment, Best Home Based Business Ideas, Best Idea for Low Budget Business and More Profits, Top Best Small Business Ideas for Women, Most Profitable Business Ideas with Low Investment

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

**How to Start a Business of Potato  
Powder Production –  
Potato Processing Business Ideas**

**See more:**

<http://goo.gl/UqNuR5>

<https://goo.gl/NbJ6ye>

<https://goo.gl/mMG1pj>

<https://goo.gl/M6pNwc>



*Visit us at*

[www.entrepreneurindia.co](http://www.entrepreneurindia.co)



[www.entrepreneurindia.co](http://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/BKkUtg9gevT2>



# ***Niir PROJECT CONSULTANCY SERVICES***

**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*



# What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *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*



- *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*

- *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*



- *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*

- *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.*

- *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*

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

# **Contact us**

## **NIIR PROJECT CONSULTANCY SERVICES**

**106-E, Kamla Nagar, New Delhi-110007, India.**

**Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)**

**Tel: +91-11-23843955, 23845654, 23845886**

**Mobile: +91-9811043595 Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co)**

**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://twitter.com/npcs_in)



➤ <https://www.pinterest.com/npcsindia/>





**For more information, visit  
us at:**

[www.entrepreneurindia.co](http://www.entrepreneurindia.co)



[www.entrepreneurindia.co](http://www.entrepreneurindia.co)