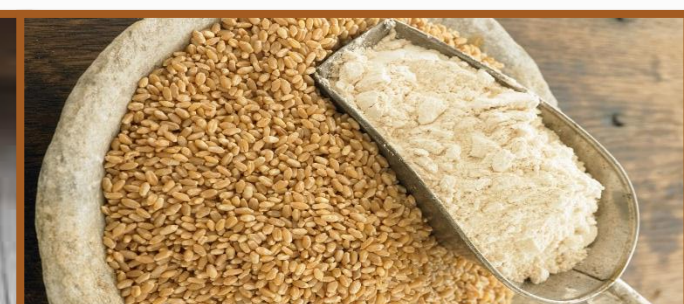




Wheat Processing and Value-Added Opportunities.

Products made from Wheat Grain



Introduction

Wheat, any of several species of cereal grasses of the genus *Triticum* (family Poaceae) and their edible grains. Wheat is one of the oldest and most important of the cereal crops. Of the thousands of varieties known, the most important are common wheat (*Triticum aestivum*), used to make bread; durum wheat (*T. durum*), used in making pasta (alimentary pastes) such as spaghetti and macaroni; and club wheat (*T. compactum*), a softer type, used for cake, crackers, cookies, pastries, and flours. Additionally, some wheat is used by industry for the production of starch, paste, malt, dextrose, gluten, alcohol, and other products.

It is used in a variety of products, but its use as flour for bread and baked goods is the most prevalent. One of the key reasons why wheat is best suited for bread making in comparison to other grains is its high gluten content.

Food Grains

Wheat is the most widely produced cereal all over the world, most of which is for human consumption. India is the second largest producer of food grains globally.

India houses numerous varieties of cereals and pulses that are largely consumed domestically. However, especially rice like basmati have made a mark in the global markets as well.

India is not only one of the key producers but also a major exporter of cereals globally. India's export of cereals stood at USD 6,074 mn MT during the year 2016-17. The huge demand for cereals in the global market is creating an excellent environment for the export of Indian cereal products.

Wheat Products Market:

The **Wheat Flour** market can be segmented on the basis of product type, end use, application, distribution channel, and geography. On the basis of product type, the wheat flour market can be segmented into all-purpose flour, Cake flour, pastry flour, bread flour and others. The wheat flour market can be segmented on the basis of product type, end use, application, distribution channel, and geography. On the basis of product type, the wheat flour market can be segmented into all-purpose flour, Cake flour, pastry flour, bread flour and others.



The **Wheat Starch** market is expected to exceed US\$ 4 Billion by 2024. Today, starch has become one of the significant agro-based industrial commodities due to its wide range application in various industries. Though the extraction of starch from wheat is complex, which includes multiple steps such as steeping, degerminating, and by-products recovery and so on, due to its rising demand, the wheat starch market is witnessing a significant growth.

The global **Wheat Germ Oil** market is segmented on the basis of applications and region. The wheat germ oil market is segmented on the basis of applications such as dietary supplements such as capsules and soft gels and cosmetics such as in skincare and hair-care products. Wheat germ oil is also used in food products such as edible oils, salads, pasta, germ-enriched bread, snack foods, cereals, and others. Wheat germ oil is also used in medical industries such as medicinal supplements.

The global **Wheat Gluten market is expected to register a CAGR of 8.21% during the forecast period, 2018 to 2023. Consumers suffering from lactose intolerance and increased demand for high-fiber foods among consumers act as the key factors driving the demand for wheat gluten in the global market. The increasing use of wheat gluten in bakery and confectionery followed by supplements is expected to drive the growth.**

These all products have sufficient domestic demand. Additionally, there are export potentials also. Generally, atta, maida, suji and flours are the basic ingredients for the wide range of processed foods. Additionally, these are the items for domestic daily use. Furthermore, the bakery industry of the country hugely depends on these ingredients as raw materials. Around 800 large Flour Mills in the country convert about 10.5 Million Tons of wheat into wheat products i.e., Coarse Flour, Flour, Semolina, Bran & Wheat Germ. The installed capacity of Flour Mills is more than 21 Million Metric Tons. Roller Flour Milling sector processes around 12 – 15 per cent of the total wheat consumed in the country.

List of few Most Profitable Flour Mill Business Ideas:

➤ **Wheat Germ Oil**

Wheat Germ Oil is extracted from the germ of the Wheat kernel, which makes up only 2- 3% by weight of the kernel. It is a Refined Vegetable Oil that contains a high level of natural vitamin E which is a natural antioxidant, and high levels of unsaponifiable fraction. Its fatty acid composition supplies a high content of essential fatty acid that promotes the regeneration of cells. Wheat germ oil is particularly high in octacosanol - a long- chain saturated primary alcohol found in a number of different vegetable waxes. [Read more](#)



➤ **Wheat Starch and Wheat Gluten**

Wheat starch is produced from wheat species such as *Triticum aestivum*, which is also known as bread wheat. Starch is one of the main carbohydrate in wheat which comprises of around 60-75% of grain and around 70-80% of flour.

Wheat gluten is a food made from gluten, the main protein of wheat. It is made by washing wheat flour dough with water until all the starch granules have been removed, leaving the sticky insoluble gluten as an elastic mass which is then cooked before being eaten. [Read more](#)



➤ **Atta, Maida, Suji & Wheat Bran (Roller Flour Mill)**

Around 800 large Flour Mills in the country convert about 10.5 Million Tons of wheat into wheat products i.e., Coarse Flour, Flour, Semolina, Bran & Wheat Germ. The installed capacity of Flour Mills is more than 21 Million Metric Tons. Roller Flour Milling sector processes around 12 – 15 per cent of the total wheat consumed in the country. Most wheat is consumed in the form of baked goods, mainly bread; therefore, wheat grains must be milled to produce flour prior to consumption. Wheat is also used as an ingredient in compound feedstuffs, starch production and as a feed stock in ethanol production. [Read more](#)



➤ Biscuit Making Plant

Biscuit industry in India in the organized sector produces around 60% of the total production, the balance 40% being contributed by the unorganized bakeries. The industry consists of two large scale manufacturers, around 50 medium scale brands and small scale units ranging up to 2500 units in the country, as at 2000-01. The unorganized sector is estimated to have approximately 30,000 small & tiny bakeries across the country. Biscuit can be broadly categorized into the following segments: Glucose 44% Marie 13% Cream 10% Crackers 13% Milk 12% others 8%. [Read more](#)



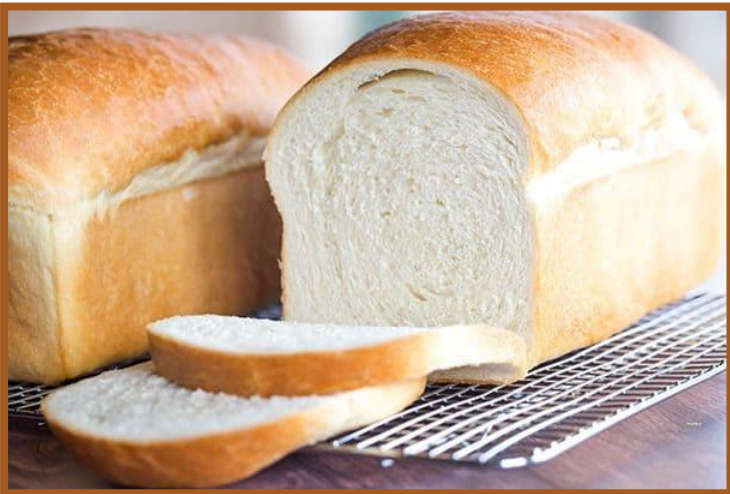
➤ Atta Chakki Plant

Atta is one of the staple and basic food to Indians not only that it is basic food ingredients for all the men lives in the world. Atta is manufactured from wheat which is cultivated in the winter season or just before it. Through there is development of tissue culture base seeds which can be cultivated throughout the year. Ata (wheat flour) is basically used for preparation of chappati for the human basic needs of food in every classes of people. It is also used for the preparation of adhesives. [Read more](#)



➤ Bread Making Plant

In modern days bread is now becoming one of the most essential food item in human diet due to its readymade availability and high nutritive value. It is the most consumable wheat based bakery product. Wheat flour, yeast, sugar, salt, water and shortening agent are required as raw materials to manufacture bread. The plant and machinery and the technology required to manufacturing the bread, are completely available in India. Since the consumption of bread is increasing rapidly day by day, the demand also is increasing enormously. [Read more](#)



➤ Grain Based Alcohol Distillery

The alcohol industry is the commercial industry involved in the manufacturing, distribution, and sale of alcoholic beverages. Alcohol has assumed very important place in the Country's economy. It is a vital raw material for a number of chemicals and become the source of large amount of revenue for government as Excise Duty. Rapid increase in urban population is one of the key factors that is boosting the India alcohol market. In India about 350 distillery units of 4.0 billion litres & 100 distillery units of 1.8 billion litres are molasses & grain based respectively. [Read more](#)



➤ **Functional Food Based Bakery Products (bread, Cookies and Biscuits)**

Biscuits Sweet biscuits are commonly eaten as a snack food, and are, in general, made with wheat flour or oats, and sweetened with sugar or honey. Varieties may contain chocolate, fruit, jam, nuts, or even be used to sandwich other fillings. Savory biscuits or crackers (such as cream crackers, water biscuits, oatcakes, or crisp breads) are usually plainer and commonly eaten with cheese following a meal. Other savory biscuits include the Jewish biscuits known as matzos. Many savory biscuits also contain additional ingredients for flavor or texture, such as poppy seeds, onion or onion seeds, cheese (such as cheese melts), and olives. [Read more](#)



➤ **Khakra-Ready to Eat (RTE) Convenience Food**

Khakra is an Indian traditional ready to eat snack food based on wheat. It is known for its crisp texture and baked flavour. It can be consumed as breakfast/snack food and can also fit into the main meal. It is a traditional Gujarat food and is quite familiar in Gujarat and other states in India. It is a food, which is liked by people of all states and is well within the reach of common people. It is consumed at breakfast, lunch and dinner. It is very good in taste. Due to its good nutritious value and taste its demand is increasing day-by-day. The product at present is made on cottage scale. [Read more](#)



Tags

Wheat Products, Wheat Products and Uses, Products Made from Wheat, Wheat-Based Foods, Products Made from Wheat, List of Products Made from Wheat, Products Made from Wheat Grain, Grain Products, List of Wheat Products, Products of Wheat Grain, Wheat and Wheat-Based Products, Wheat Grain, What Products are Made from Wheat, Processed Wheat Products, Processed Food, Wheat and Wheat Products, Wheat and Wheat by-Products, Extraction of Wheatgerm, Production of Wheatgerm Oil, Wheat Germ Oil, Wheat Germ Oil Production Process, How to Extract Wheat Germ Oil, Extraction of Oil from Wheat Germ, Production of Wheat Starch, Wheat Starch Processing, Starch from Wheat, Wheat Starch and Gluten, Wheat Gluten Production, Wheat Gluten (Food), Wheat Gluten Industry, Production of Wheat Gluten, Production of Atta, Maida, Suji & Wheat Bran (Roller Flour Mill), Processing of Atta, Maida,



Suji & Wheat Bran (Roller Flour Mill), Biscuit Making Plant, Small Scale Biscuit Processing, Biscuit Production, Project Profile on Bread & Biscuit, Atta Chakki Plant, Mini Flour Mill (Chakki Atta), Atta Chakki Business, Commercial Flour Mill, Bread Making Plant, Bread Making Business, Bread Manufacturing Business, How to Start a Bread Bakery, Bread Factory, Grain Based Alcohol Distillery, Production of Alcohol from Grains, Grain Alcohol Distillery Project, Project Report on Grain Based Alcohol, Grain Based Distillation Plant, Functional Food Based Bakery Products (Bread, Cookies and Biscuits), Khakra-Ready to Eat (RTE) Convenience Food, Khakhra Production, How to Start Khakhra Business, Khakhra Manufacturing Project, Khakhra Manufacturing Business, Wheat Milling Process, Processing Wheat, Wheat Processing and Product, Grain Processing, Processing of Wheat to Bread, food processing, Agro-Processing of Wheat, Processing of Wheat and Wheat Products, Wheat Processing Plant, Wheat Processing Factory, Value-Added Wheat, Value-Added Wheat Products, Processing and Value Addition of Cereals, Value Addition in Wheat, Value Addition of Wheat and Wheat Products, Value-Added Opportunities and Alternative Uses for Wheat, Adding Value to Agricultural Products, Agro and Food Processing Business, Wheat Processing and Value-Added Opportunities, Products Made from Wheat Grain

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Major Queries/Questions Answered in Our Report?

- 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?**



Reasons for Buying Our Report:

- The 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
- The report provides vital information on the product like it's characteristics and segmentation
- The report helps you market and place the product correctly by identifying the target customer group of the product

- **The 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**



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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,



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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



Contact us

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