

# Entrepreneur India

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## RICE BRAN OIL

<b>Capacity:</b>	5100 MT/Annum
<b>Plant and machinery cost:</b>	280.00 Lakh
<b>Working Capital:</b>	0.00 Lakh
<b>Rate of return(ROR):</b>	45.00 %
<b>Break Even Point (BEP):</b>	58.00 %
<b>TCI:</b>	582.00 Lakh
<b>Cost of Project:</b>	582.00 Lakh

Rice bran is the main source of rice oil. The majority of available bran continues to be used for animal feeds without being extracted for the oil. Rice oil, also called rice bran oil, has been used extensively in Asian countries. Rice oil is a minor constituent of rough rice when compared with the carbohydrate and protein content. Two major classes of lipids are present: those internal within the endosperm and those associated with the bran. The internal lipids contribute to the nutritional, functional, and sensory qualities of rice. Rice processing produces polished rice or the parboiled variety, in addition to two residues: husks (13%), used as fuel and bran (8%), used as animal feed, a food supplement and for edible oil production. In food industry, Rice is world's most important food crop and more than half of the people in the world eat rice as the main part of their diet. The word to eat literally meant to eat rice.

### **CHIEF CONSTITUENT**

Oleic acid 40 to 50%, linoleic 29-42% & saturated acids 16-20% grades. It is available in two grades; crude and edible. Rice bran oil is used in soap making and in animal feeds, hydrogenated oil can be used as a shortening.

### **Application**

Rice bran oil is truly The Worlds Healthiest edible oil, containing vitamins, antioxidants, nutrients and trans fat free. It is not just delicate and flavorful, it can help lower cholesterol, fight diseases, enhance the immune system, fight free radicals and more. Rice bran oil is extremely light, versatile and delicious. Used to fry, saut, salad dressings, baking, dipping oils and where ever you use cooking oil. It is amazing cooking oil- light, healthy and also best in taste. Rice bran oil is vastly superior to traditional cooking oils and can be considered nutraceutical (food as medicine) oil that is perfect for all your healthy cooking needs. Rice bran oil is quickly becoming a favorite in commercial frying to replace hydrogenated oils that contain trans fat. This is due to rice bran oils health, flavor and performance benefits. Bran oil is used in the soap industry and to a limited extent refined to edible oil while the defatted bran meal is employed as an animal feed. Rice bran wax is an important by-product of rice bran oil industry. Rice bran wax can be used in the preparation of candles, polishes, cosmetics, emulsifiers and other industrial preparations.

### **Market Scenario**

Indian edible oil industry is composed of some 15,000 oil mills, 600 solvent extraction units, 250 vanaspati units and over 600 refining units. With around 8% of world oilseeds production, over 7% of global protein meal production, around 4% of world oil meal export, total oilseeds production of 23 mn tonne and 5.6 mn tonne of edible oil production, India is the fourth largest edible oil economy in the world valued at USD 16.5 bn (Rs 660 bn). India has a share of nearly 6% of global vegetable oil production, nearly 11% of global vegetable oil imports and 9% of global edible oil consumption. And yet over 40% of the edible oil availability in the market is sourced from imports.

### **Tags**

Setting up a Rice Bran Oil Processing Plant, Agro Based Small Scale Industries Projects, best small and cottage scale industries, Detailed Project Report on rice bran oil solvent extraction, Download free project profiles on rice bran oil solvent extraction, Feasibility report on rice bran oil solvent extraction, Food Processing & Agro Based Profitable Projects, Food processing business list, Food Processing Industry in India, Food Processing Projects, Free Project Profiles on rice bran oil solvent extraction, Get started in small-scale food manufacturing, how can extract oil from rice bran, How do you make rice bran oil?, How oil is extracted from rice bran?, How to start a food manufacturing business, How to Start a Food Production Business, How to Start a rice bran oil Production Business, How to start a rice bran oil extraction?, How to start a successful rice bran oil business, How to Start Food Processing Industry in India, How to start rice bran oil Processing Industry in India, Indian rice bran oil industry, Mini Rice Bran Oil Mill Plant, modern small and cottage scale industries, Most Profitable Food Processing Business Ideas, Most Profitable rice

bran oil Processing Business Ideas, new small scale ideas in rice bran oil processing industry, Pre-Investment Feasibility Study on rice bran oil extraction, Processes of Manufacturing Rice Bran Oil, Processing Methods for the Extraction and Refining of Rice bran oil, profitable small and cottage scale industries, Project for Rice bran oil mill, Project profiles on rice bran oil extraction, project report on rice bran oil processing industries, Project Report on rice bran oil solvent extraction, Project Report on solvent extraction of rice bran oil, Refined rice bran oil edible grade, Rice Bran Oil - Solvent Extraction Plant, rice bran oil Based Small Scale Industries Projects, rice bran oil Business: Profitable Small Scale Manufacturing, Rice bran oil extraction and production, rice bran oil extraction machinery india, rice bran oil extraction method, rice bran oil extraction plant, rice bran oil extraction process pdf, rice bran oil extraction project report, Rice bran oil line/rice bran oil refinery, rice bran oil making machine factory, rice bran oil Making Small Business Manufacturing, rice bran oil manufacturing plant cost, rice bran oil manufacturing process, Rice Bran Oil Market, Rice bran oil processing and value added products, Rice bran oil Processing Industry in India, rice bran oil processing plant cost, Rice Bran Oil Processing Plant Project Report, rice bran oil production cost, rice bran oil production line, rice bran oil project report pdf, rice bran oil refining plant project report, rice bran oil solvent extraction process, Rice bran oil solvent extraction unit, Rice bran oil extraction Processing, Projects, Rice Bran Technologies - Rice Bran Processing, Setting up and opening your rice bran oil Business, Setting up of Food Processing Units, Small scale Commercial rice bran oil making, Small Scale Food Processing Projects, Small Scale rice bran oil Processing Projects, small scale rice bran oil extraction machine, Start Your Own Rice Bran Oil Mill Project, Starting a Food or Beverage Processing Business, Starting a rice bran oil extraction Processing Business, Study on Rice Bran Oil Extraction and Production, Study on the Preparation Process of Rice Bran Oil, Techno-Economic feasibility study on rice bran oil extraction

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