

# Production of Alcohol from Grains. Grain Alcohol Distillery Project.

## Food-Grain Based Alcohol Industry. Distilled Spirit - Alcoholic Beverage

### Description:

Grain based alcohol is used for the production of white spirit such as gin and vodka but also as a base for a wide range of flavoured alcoholic beverages. The production of neutral alcohol from malt, grape, apple or sugar has considerably increased over the last few years. There may be local alcohol taxation advantages. This is available in a ready-to-pitch, active form, with proven cost effectiveness versus propagation.

Extra-Neutral Alcohol (ENA) is an ethanol grade of 96% purity or higher. Its main use is as the base ingredient in the production of alcoholic spirits.

The Extra Neutral alcohol or ENA is a high distilled alcohol without any impurities and others destined to be used in the high cosmetic industry, perfumeries as well as for the production of alcoholic beverages such as whisky, vodka, gin, cane, liqueurs and alcoholic fruit beverages and aperitifs.

Till now, molasses is used as raw material for alcohol production. Molasses, a by-product from cane sugar processing, is brownish black in colour with an extremely strong odour. It is used for its sugar content, either as an ingredient in cattle feed or for production of alcohol. Some of the derivatives from alcohol that have been in commercial production are based on molasses as a raw material. Molasses based distilleries produce effluent, which has high BOD/COD as well as dark brown colour and is very difficult to treat. Molasses production in the country is around 70 to 75 Lakh MT per annum. Some of the molasses is consumed to manufacture animal feed. If all of the molasses produced in the country were used for alcohol production, it would produce maximum 1,750 million liters of alcohol. The demand for alcohol in the country is expected to go up to almost 3000 to 3500 million liters by year 2012. Under such circumstances, raw materials other than molasses will have to be used for alcohol production. Though alcohol can be produced directly from sugar cane juice it is not an economic proposal because of its minimum statutory price. On an average, in Maharashtra, the landing price of sugarcane to the sugar factories varies from Rs. 2,000 to 4,000 / MT depending up on availability. In addition, it is a seasonal crop available for about 160 days in a year. Sugar cane cultivation also requires good irrigation facilities. If sugar cane juice is used directly for alcohol production, there will be no by-products produced except Bagasse.

**For more details download PDF file.**

**Keywords:** Grain Based Alcohol Distillery, Production of Ethanol from Grain, Production of Industrial Alcohol from Grain, Alcohol Fuel Production from Grain, Production of Ethanol, Production of Grain Whisky and Ethanol, Distilled Spirit, Alcoholic Beverage, How to Distill Ethanol or Grain Alcohol, Grain Alcohol, Grain Alcohol Industry, Food-Grain Based Alcohol, Grain Based Alcohol, Process of Manufacturing Alcohol from Grain, Ethanol Plant, Producing Alcohol from Grain, How is Alcohol Made?, Distillation

**Created At:** 28 Oct, 2017