

# Earn Profits from Rice Husk Ash. Make Products from Rice Husk (Hull) and Rice Husk Ash (RHA)

## Description:

The rice husk, also called rice hull, is the coating on a seed or grain of rice. It is formed from hard materials, including silica and lignin, to protect the seed during the growing season. Each kg of milled white rice results in roughly 0.28 kg of rice husk as a by-product of rice production during milling.

Common products from rice husk are: solid fuel (i.e., loose form, briquettes, and pellets), carbonized rice husk produced after burning, and the remaining rice husk ash after combustion. Rice milling industry generates a lot of rice husk during milling of paddy which comes from the fields. This rice husk is mostly used as a fuel in the boilers for processing of paddy. Rice husk is also used as a fuel for power generation. Rice husk ash (RHA) is about 25% by weight of rice husk when burnt in boilers. It is estimated that about 70 million tonnes of RHA is produced annually worldwide. This RHA is a great environment threat causing damage to the land and the surrounding area in which it is dumped.

During milling of paddy about 78 % of weight is received as rice, broken rice and bran .Rest 22 % of the weight of paddy is received as husk. This husk is used as fuel in the rice mills to generate steam for the parboiling process. This husk contains about 75 % organic volatile matter and the balance 25 % of the weight of this husk is converted into ash during the firing process, is known as rice husk ash (RHA). This RHA in turn contains around 85 % - 90 % amorphous silica. So for every 1000 kgs of paddy milled about 220 kgs ( 22 % ) of husk is produced , and when this husk is burnt in the boilers , about 55 kgs ( 25 % ) of RHA is generated.

**For more details download PDF file.**

**Keywords:** How to Manufacture Rice Husk based Products, Forming Products from Rice Husk, Rice Husk Ash Fuel & Powder Value Added Products, Rice Husk based Products, How to Produce Rice Husk based Products, Rice Husk (Hull), Rice Husk as a by-Product, How to Earn Money from Rice Husk Ash, Profitable Project Investment Opportunity in by-Product from Rice Husk Ash Rice Husk (Hull), Value Added Products From Rice Husk or Rice Hull Ash, Rice Husk Products, Rice Husk Product Production, Making of Rice Husk in In

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