

# Rice Husk – A Useful By-Product for Rice Growers.

## Description:

**Rice Husk – A Useful By-Product for Rice Growers. Products from Rice Husk. List of Profitable Business Ideas of Rice Husk, Rice Hull, Rice Husk Ash (Agricultural Waste) based Projects, Waste to Wealth.**

***(Precipitated Silica, Activated Carbon, Cement, Electricity, Ethanol, Hardboard, Oxalic Acid, Paper, Particle Board, Rice Husk Briquettes, Rice Husk Pellet, Silicon, Sodium Silicate Projects)***

The RHA obtained from rice husk is as valuable as the rice husk in numerous applications. However, extensive R&D is required to increase the commercial consumption of RHA, as the addressable market is more than half of the current RHA demand. Building & construction accounts for the maximum market share in terms of application followed by steel, ceramic & refractories, silica manufacturing and others.

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.

## **Rice Husk / Hull Ash (RHA) Contains:**

- Biogenic Amorphous Silica
- Carbon
- Un-burnt rice husk / hull

India is a major rice producing country, and the husk generated during milling is mostly used as a fuel in the boilers for processing paddy, producing energy through direct combustion and / or by gasification. This RHA is a great environment threat causing damage to the land and the surrounding area in which it is dumped. Lots of ways are being thought of for disposing them by making commercial use of this RHA. Rice husk is an agriculture residue abundantly available in rice producing countries. Global production of rice is approximately 580 million tons a year, and this is rising as the world population and the consumption of rice increases. Rice husk is generally not recommended as cattle feed since its cellulose and other sugar contents are low. Furfural and rice bran oil are extracted from rice husk. Industries use rice husk as fuel in boiler and for power generation. Among the different types of biomass used for power generation, rice husk has a high ash content varying from 18 – 20%, silica is the major constituent of rice husk ash.

**For more details download PDF file.**

**Keywords:** Projects on Rice Husk, Rice Hull, Rice Husk Ash, Production of Rice Husk Ash, Manufacturing of Rice Husk Ash, Production of Rice Husk, Rice Husk Ash Processing Plant, Rice Husk Ash Production Process, Rice Hull Production, How to Manufacture Rice Husk Based Products, Make Products from Waste Rice Husk, Make Money from Rice Husk Ash, Earn Profits from Rice Husk Ash, Making of Rice Husk Based Products, Forming Products from Rice Husk, Rice Husk Products, How to Earn Money from Rice Husk Ash, Profi

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