

# Value Addition of Agricultural Waste

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## Abstract

Agricultural production creates considerable amounts of agricultural waste. Some of it is recycled into the agricultural production as manure, while large amounts remain unused and in many instances pose a disposal problem. Uncontrolled burning in the fields is not only a hazardous disposal solution but also wasting useful energy. With an efficient collection system, waste from agricultural production can be utilised as fuel for power, heat production and other useful applications. Agricultural wastes are major organic components of biomass consists of cellulose, hemicelluloses and lignin. There are mainly three ways to use these agricultural wastes. It can be burned to produce heat and electricity, changed to gas-like fuels such as methane, hydrogen and carbon monoxide. In this paper a trial has been made to identify different agricultural wastes, its management and application in a sustainable and economic manner.

**Key Words:** Agriculture Waste, Biomass, manure, Energy