

**Subject: PG Elective course for Environmental
Science/biological science/chemistry/Agriculture
Course: Biomass characterization**

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Module Title: 4. Forms of Biomass: Solid biomass

Id :FBS/SBWA/4

Pre-requisites: Source of biomass, Wood/trees, agricultural residues, Forest wastes

OBJECTIVES: To study

- Various forms of biomass
- Sources of various solid biomass

KEYWORDS: Biomass forms, solid biomass, energy crops, compressed biomass, municipal solid waste

OUTCOME: After learning this module, one can understand the overall information about the various types of biomass, types of solid biomass, various sources of solid biomass and their energy potential.

4.1 Introduction about various forms of biomass

Any material obtained from living organism is known as biomass. It can be as solid, liquid or gaseous forms. Now we will discuss in detail about solid biomass in this module.

4.2 What is solid biomass?

Solid Biomass

It is also known as **feedstock** and is solid or compressed pieces of organic matter in the form of pellets. During burning or combustion, the stored energy within the