

● Energy from Biomass

Complete the following sentences using the appropriate terms from the textbook.

1. Organic material from plants or animals that is used for energy is called _____.
2. The chemical energy found in biomass can be traced back to _____.
3. Biomass fuel can be a solid, liquid, or _____.
4. Microorganisms convert the sugar in sugar cane, corn, and grain into ethanol in the process of _____.
5. Ethanol can be mixed with gasoline to be used in any _____.
6. A mixture of gasoline and ethanol is called _____.
7. Wood alcohol, or _____, can be used as a fuel for automobiles.
8. Alcohol production from biomass is not _____.
9. It is possible to change _____ into biogas.
10. Biogas is a mixture of gases that can be stored and transported like _____.
11. When biogas is burned, it produces fewer _____ than either coal or biomass.
12. Biomass reduces dependence on _____.
13. Biomass makes use of wastes which reduces _____.
14. Biomass does not pollute the atmosphere with _____ as long as the plant matter burned equals the plant matter produced each year.
15. When collected and burned close to the source of production, biomass has a high _____.
16. The use of land for energy crops competes with the _____.
17. Improper management of crop lands and forests could lead to _____, sedimentation, destruction of reservoirs, and flooding.
18. Removing crop and forestry wastes may reduce _____.