BIOMASS TABLE

This table can be used with the activity “Corn in Your Car.”

Using the table below, list Wisconsin sources of biomass and global sources of biomass.

|  |  |
| --- | --- |
| **List Wisconsin sources of biomass** | **List Global sources of biomass** |
| Corn, Cornstover, Corn cobs | Corn, Cornstover, Corn cobs |
| Wood, wood residue, urban woody waste | Wood, wood residue, urban woody waste |
| Municipal solid waste, landfill | Municipal solid waste, landfill |
| Animal waste | Animal waste |
| Switchgrass, miscanthus | Grasses, elephant, reed canary, miscanthus |
| Human waste, water treatment | Human waste, water treatment – Algae |
|  | Rice straw, wheat straw |
|  | Canola, palm, sunflower oils |
|  | Sugar cane, bagasse, sugar beets, sweet sorghum |

1. What is biomass? Biomass fuels are a renewable resource because they can be replaced fairly quickly (times ranging from one growing season to perhaps one or two decades) without permanently depleting Earth's natural resources.
2. What does biomass have to do with your ca r? Many vehicles can use a combination of plant-derived and fossil fuels.

RESOURCES: <http://www4.uwsp.edu/cnr/wcee/keep/nr735/Unit_1/Biomass.htm>

<http://accellerase.dupont.com/global-sources-of-biomass/>

<http://faculty.washington.edu/stevehar/World%20woody%20biomass.pdf>

<http://www.stateenergyoffice.wi.gov/category.asp?linkcatid=3377&linkid=1448&locid=160>