

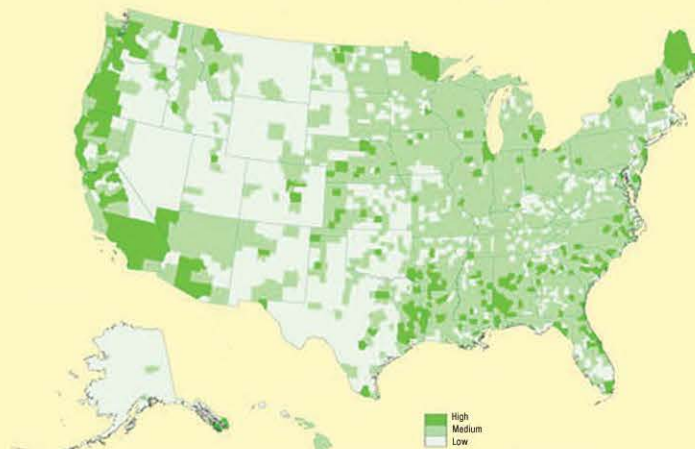
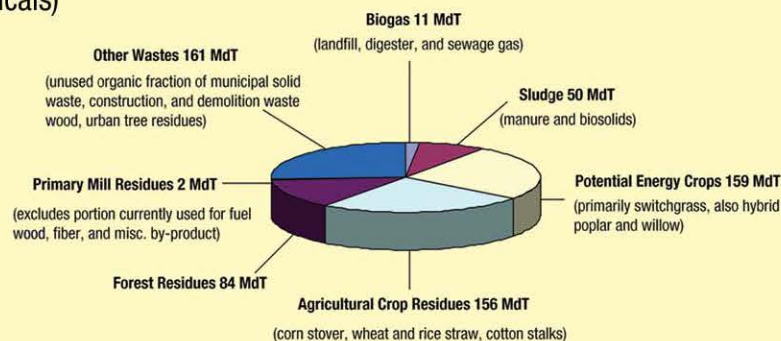
Sustainable Biomass Feedstocks

The Biomass Program fosters research and development on advanced technologies to transform our abundant biomass resources into clean, affordable, and domestically-produced fuels, combined heat and power, chemicals, and materials.



Biomass supplies over 3 percent of the total U.S. energy supply. In addition to food and animal feed, it is estimated that 623 million dry tons of biomass feedstocks could be grown and harvested in the U.S. Annually, harnessing the potential of U.S. biomass resources could produce:

- 15 billion gallons of ethanol (10% of U.S. gasoline consumption),
- 296 million MWh of electricity (11% of U.S. electric power consumption), or
- 6-10 Quads of feedstock energy (enough energy to manufacture more than 300 billion pounds of organic chemicals)



Agricultural Crops * corn * sugarcane * sugarbeet * sweet sorghum * soy **Energy Crops** * hybrid poplar * black locust, willow, and silver maples * switchgrass **Agricultural Residues** * corn stover * wheat straw * potato and beet waste **Forest Residues** * **Industrial Residues** * black liquor from paper mills **Waste streams** * animal manures * bagasse * urban wood wastes