

Worksheet for Biofuels

Biofuels

Students can state how many gallons of fuel can be produced from a bushel of corn.

Students can list three reasons ethanol is good for the environment.

1. In 2019 how much ethanol was produced from one bushel of corn in Iowa's ethanol plants?
2. In 2019 ethanol reduced carbon emissions by how much?
3. Why is ethanol good for the American economy?
4. Compare how ethanol burns versus gasoline in the combustion process. What is the difference?
5. What state ranks highest in corn and ethanol production?
6. What percentage of vehicles can use 15% ethanol blend fuel?
7. What are three benefits of using ethanol?
8. Why is reducing carbon emissions good for our health?
9. List three grades of ethanol blend fuels.
10. Why do we need to change our ways in the types of fuels vehicles use?

Use this link <https://www.eia.gov/energyexplained/biofuels/ethanol.php> to answer the following:

- I. Describe how ethanol is made.

- II. What is the history of ethanol use as a fuel in the U.S.? When was it adopted as a modern fuel standard? Why do you think it was set as a standard for use in vehicle fuel?

