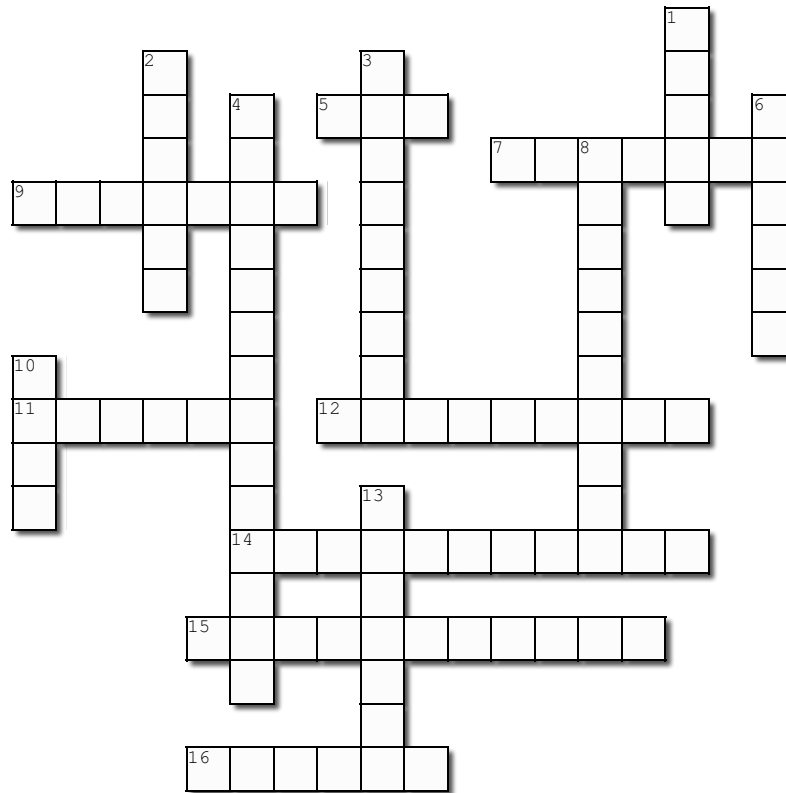


Ethanol in Minnesota: From Farm to Fuel Crossword

Complete the crossword puzzle below



Created using the Crossword Maker on TheTeachersCorner.net

environment renewable ten fifteen oxygen ethanol eighty-five dependence corn field petroleum
 starch sugars octane photosynthesis Model-T

Across

5. Approximately 96% of all gasoline in use in the U.S. today includes this percentage of ethanol.
7. In 1908, Henry Ford built this vehicle as a flex fuel vehicle, calling ethanol the 'fuel of the future'.
9. A colorless, flammable liquid that can be used as a transportation fuel.
11. Because ethanol contains this, it burns more completely and more cleanly.
12. A fossil fuel that was formed over millions of years by the decay of tiny plants and animals.
14. Extracting crude oil from the ground can cause damage to this.
15. Flex fuel vehicles can use any blend of ethanol up to this percent.
16. Ethanol has a high _____ rating.

Down

1. Ethanol is made from this type of corn, not the sweet corn that humans enjoy.
2. Ethanol is produced by the fermentation of plant _____.
3. This term means that the fuel or energy can be reproduced naturally.
4. In this process, carbon dioxide and water are converted into sugars to be used as food for the plants.
6. Only this portion of the corn kernel is used for ethanol production, leaving valuable coproducts like livestock feed.
8. Use of alternative fuels like ethanol helps us reduce our petroleum _____.
10. This is the most common feedstock used for ethanol production in the United States.
13. This percentage of ethanol can be used in gasoline vehicles 2001 or newer.