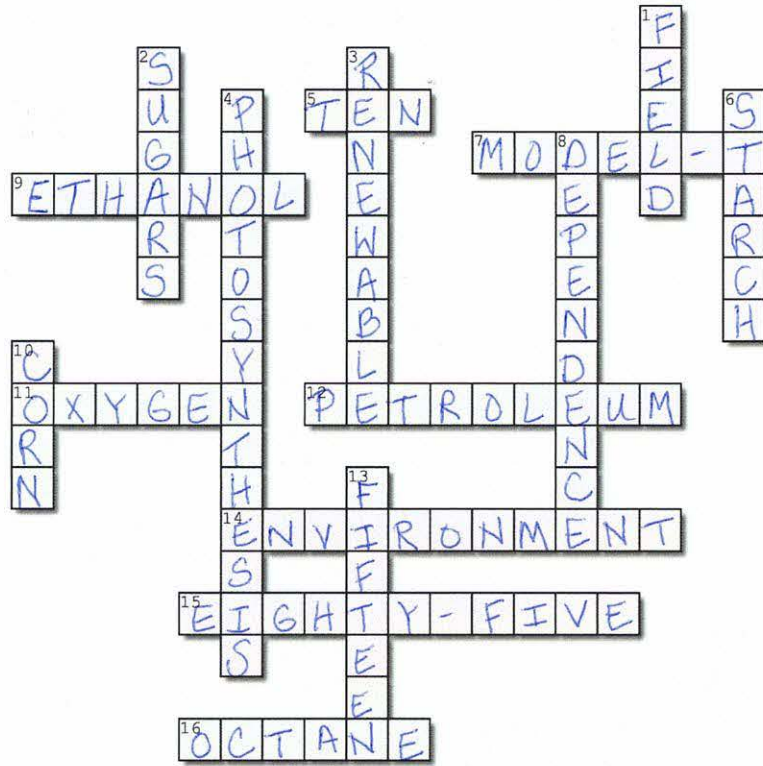


Ethanol in Minnesota: From Farm to Fuel Crossword

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.