

Bioethanol

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Fun with Fuels!

Switchgrass

We can make *ethanol* from switchgrass, but how many *words* can you make using only the letters in the word "switchgrass"?

stair

Currently, most bioethanol in the US is made from corn grain, but ethanol can also be produced from other materials including grasses, like switchgrass, and trees, such as poplar.

Put your skill to the test with these fun games related to the production of bioethanol.

Did you know...?

- The original Model T Ford was designed to run on ethanol produced from corn.
- You can use E85 ethanol in your snowmobile, motorboat, chainsaw and lawnmower, all without any special modifications.
- Much of US Gasoline is already blended with ethanol (up to 10%), which improves efficiency and helps to keep your engine clean.

Word Search

F R L O T S A E Y P L A R
T E S F M O T S L R T I B
S Z T M E H E F U E L N U
E B S S A R G H C T I W S
V H A N R E M O B R Y G L
R P O P L A R E S E T L A
A L S T E N I W N A I H T
H Y D R O L Y Z E T L N R
C O M N I S Y L S T O Z A
D G S S A M O I B Y C F U
A T N L E D D R E L E S T

Biomass
Corn
Distill
E. Coli
Enzyme
Ethanol
Ferment

Fuel
Harvest
Hydrolyze
Poplar
Pretreat
Switchgrass
Yeast

Biomass to Biofuel

It's possible to transform "MASS" to "FUEL" in six words, by changing one letter each time. Can you do it?

MASS

FUEL