



5 ETHANOL MYTHS & FACTS

1

"THERE ISN'T ENOUGH CORN TO FEED & FUEL US"

New & cost-effective fuel sources for ethanol other than corn are being developed and will be made from more abundant biomass sources.



2

"ETHANOL POLLUTES JUST AS MUCH AS GASOLINE"

Compared to gasoline, ethanol produces 46% fewer emissions. As new advancements in ethanol are developed, it will become even more green and sustainable.



3

"ETHANOL BLENDS CAN HARM YOUR ENGINE"

Modern ethanol blends have multiple benefits for your vehicle! They improve performance, keep systems clear, prevent winter problems, reduce engine "knocking," and are efficient without impacting fuel economy.

4

"MAKING ETHANOL USES TOO MUCH ENERGY"

Every gallon of ethanol produced today delivers approximately 67% more energy than is used in order to produce it due to improved farming and conversion techniques, resulting in a net positive energy output.

5

"E10 PULLS WATER FROM THE AIR"

Ethanol has no molecular function that "grabs" water molecules from the air and is not the cause of a water-laden engine. Rather, humid air is to blame as it condenses in the engine and collects at the bottom.



For More Information, Visit...

<https://vacleancities.org/cleaner-transportation/>



ETHANOL

Fact Sources

1

"THERE ISN'T ENOUGH CORN TO FEED & FUEL US"

- "Impact of 45Z on the Corn Supply Chain." Renewable Fuels Association, July 2024. <https://ethanolrfa.org/file/2840/Polaris%20-%20Impact%20of%2045Z%20on%20Grain%20Supply%20Chain.pdf>.

2

"ETHANOL POLLUTES AS MUCH AS GASOLINE"

- Barron, Jake. "Report: Greenhouse Gas Emissions from Corn Ethanol 46% Lower than Gasoline." Growth Energy, November 8, 2023. <https://growthenergy.org/2021/01/26/report-greenhouse-gas-emissions-from-corn-ethanol-46-lower-than-gasoline/>.

3

"ETHANOL BLENDS CAN HARM YOUR CAR"

- "E10." Renewable Fuels Association. <https://ethanolrfa.org/ethanol-in-your-engine/e10>.

4

"MAKING ETHANOL USES TOO MUCH ENERGY"

- "Ethanol Myths: Under the Microscope." Washington, DC: United States of America Department of Energy, June 26, 2013.

5

"E10 PULLS WATER FROM THE AIR"

- Riechers, Mark. "Ethanol, E10, E15 The Facts, The Myths, and The Politics." Fond du Lac, Wisconsin: Mercury Marine, November 2016.

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