

## About NCGA

Founded in 1957, the National Corn Growers Association represents nearly 40,000 dues-paying corn farmers nationwide and the interests of more than 300,000 growers who contribute through corn checkoff programs in their states.

NCGA and its 49 affiliated state organizations work together to sustainably feed and fuel a growing world by creating and increasing opportunities for corn growers.

[www.ncga.com](http://www.ncga.com)



## FOOD & FUEL

### U.S. farmers grow more than enough corn for all uses

- Each year, a supply of corn is held over to be used the following year. This year we're holding over **2.1 billion** bushels for next year from the current corn supply.
- U.S. ethanol production uses less than 3% of the global grain supply.

SOURCE: U.S. Department of Agriculture (USDA)

## Real FUEL FREEDOM

### Ethanol blends give drivers a real and renewable fuel choice.

- With E10, E15 and E85 available consumers at the pump can have a choice at the fuel pump.
- The U.S. Environmental Protection Agency has approved E15 (15% ethanol blend) for use in 2001 and newer cars and trucks.
- E15 is one of the most tested fuel blends in history and is now available at over 1,700 sites across the U.S.

SOURCE: Renewable Fuels Association (RFA)



## ETHANOL FACTS



FEB. 2019

## ETHANOL & GASOLINE

### Ethanol a key gasoline additive

- Adding renewable ethanol into the fuel supply provides a lower-cost oxygenate that helps engines run cleaner and with more power.
- When available at a lower cost than gasoline, it provides fuel blenders a way to save money allowing retailers to charge less at the pump.
- No alternatives can compete with ethanol's performance and value.

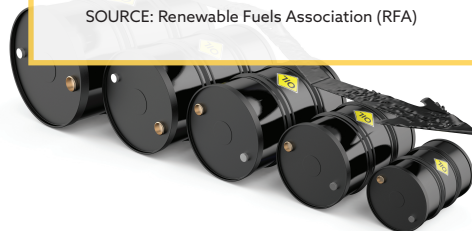


## ENERGY SECURITY

### Ethanol helps reduce our need for foreign oil

- Petroleum import dependence peaked at 60% in 2005, but was just 14% in 2018.
- Petroleum import dependence would have been 20% without 16.1 billion gallons of ethanol in 2018.
- In 2018, ethanol displaced an amount of gasoline refined from 594 million barrels of crude oil — more than the amount of oil imported annually from Saudi Arabia.

SOURCE: Renewable Fuels Association (RFA)



## RURAL ECONOMY

### Ethanol supports local jobs and helps the U.S. economy

- In 2017, the U.S. ethanol industry helped support over 365,000 jobs.
- Ethanol contributed nearly \$46 billion to the Gross Domestic Product and added nearly \$25 billion to household income.
- This generated nearly \$10 billion in tax revenue for federal, state and local governments.

SOURCE: Renewable Fuels Association (RFA)



## LOWER EMISSIONS

### In reducing emissions, ethanol outperforms gasoline

- According to the U.S. Department of Agriculture, the greenhouse gas (GHG) emissions from corn-based ethanol are 43% lower than gasoline when measured on an energy equivalent basis — even when land use change is included.
- The use of ethanol in gasoline in 2018 reduced CO2-equivalent GHG emissions from transportation by 55.1 million metric tons—equivalent to removing 11.7 million cars from the road for an entire year.

Photo: Fields-of-Corn • Lindsay Miller