

# Biofuels Mobile Education Center

At 45-feet-long and stocked full of educational, interactive displays, movies and more, the Biofuels Mobile Education Center is making its ways across Iowa. Don't miss this awesome opportunity to learn more about Iowa's homegrown fuel.



# Caravan leading the Students

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# Updated Wrapped Mobile Education Unit

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# Telling the Story of Biofuels like Ethanol



# Mike Finarty – Ag Teacher

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# Blender Pump Example



# FUEL IN MOTION

## LIVE... LOVE ETHANOL TOO!

Ethanol plants don't just make fuel, they make feed, too! In fact, 335 billion bushels worth of corn is turned into distillers grains—a highly nutritious, protein-rich livestock feed.



WHERE DOES  
THE CORN GO?

Supply Chain Story

# Telling the Story

**EARTH KIND**

**LET'S CLEAR THE AIR**

**MOTHER NATURE IS ALL ABOUT ETHANOL 15+**

**BILLION GALLONS** of ethanol used reduces greenhouse gas emissions by 53.5 million metric tons.

Adding ethanol to gasoline reduces tailpipe emissions of harmful pollutants such as:

- Carbon monoxide, which can cause harmful health effects by reducing oxygen delivery to the body's organs.
- Exhaust hydrocarbons, which contribute to the ozone, irritate the eyes, damage the lungs, and aggravate respiratory problems.
- Air toxics like benzene, which can cause cancer and reproductive effects or birth defects.
- Fine particulate matter, which can pass through the throat and nose and enter the lungs, causing serious health effects.

**E15**



Winning  
**ONWARDS & UPWARDS**  
*at Region III Best of NAMA*

**JANUARY 17, 2019**  
**PRAIRIE MEADOWS**  
1 Prairie Meadows Dr, Altoona, IA

**6pm Cocktail Hour**  
**7pm Dinner**  
**8pm Awards**  
**\$75/ticket**

**rsvp by 1.8.19 @ [nama.org/chapter-prairie-meadows](http://nama.org/chapter-prairie-meadows)**  
for specialty dietary needs email Debbie Brummel | [debbiebrummel@prariemeadows.com](mailto:debbiebrummel@prariemeadows.com)

**Hotel Reservations | Prairie Meadows**  
515.957.3000 | [prariemeadows.com](http://prariemeadows.com)  
Group Code: 01172019FIE | Group Rate  
Reservation Deadline: January 8<sup>th</sup>, 2019

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NAMA Award  
Nominee – 1/17  
Awards Banquet



# Events and Requesting the BMEC

- <https://www.iowacorn.org/corn-uses/ethanol/biofuels-mobile-education-center>