Biodiesel: Minnesota's Economic Engine

The Country's First Biodiesel Mandate

Biodiesel Blend Level
- **B2** (2005)
- **B5** (2009)
- **B10** (2014)
- **B20** (2018)

Seasonal Blend Requirements
- April 15 - Sept. 30 = **B20**
- April 1 - April 14 = **B10**
- Oct. 1 - March 31 = **B5**

Economic Indicators
- **87.5M**: Minnesota's annual biodiesel production capacity.
- **5,397**: Full-time equivalent jobs in Minnesota supported by biodiesel.
- **$1.7B**: Total economic impact on Minnesota GDP, including $676M in farm-level impact.
- **$22.8M**: Every 1 million gallons of biodiesel production contributes $22.8 million in statewide economic output and supports 73 jobs.
- **96%**: In 2016, Minnesota consumed 77 million gallons of biodiesel and produced 74 million gallons - meaning 96% of consumption came from in-state production.

Economic Drivers
- **45% Soy**: Minnesota biodiesel production comes from a diverse range of feedstocks including soybean oil and other oils, fats and greases.
- **$18.8B**: From 2006 to 2015, biodiesel increased the value of soybeans by 63 cents per bushel. This increased the value of soybean oil to U.S. farmers by $18.8 billion and decreased the price of soybean meal by up to $48 per ton.
- **$330M**: Biodiesel accounted for 13% of the $2.56B value of Minnesota's 298 million bushels of soybeans in 2019.


About Biodiesel and Renewable Diesel
- Made from plant-based oils, used cooking oils, and animal fats
- Clean-burning
- Can be used in any diesel engine without modification
- Commercially available nationwide
- Today's solution for heavy-duty trucking, emergency vehicles, bus fleets, and farm equipment

Minnesota’s Leadership
- First state to require biodiesel use
- First state to require B20 for summer months
- Ranks #3 among U.S. states in soybean production
- Ranks #10 among U.S. states in biodiesel production

Materials supported by Nebraska and North Dakota soybean farmers and their checkoff.