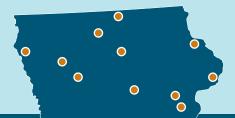


Good for Iowa's *Economy* Good for Iowa's *Agriculture*



BIODIESEL: IOWA'S ECONOMIC ENGINE

Economic Indicators

410м

Production capacity in gallons for Iowa's 11 biodiesel facilities -- about 20% of U.S. capacity.

The gross value of biodiesel and glycerin produced in Iowa in 2022.

Full-time equivalent jobs in Iowa supported by biodiesel in 2022.

Household income in Iowa resulting from biodiesel in 2022.



More than 700 fueling stations (40%) in Iowa offer biodiesel blends (up from 205 in 2010).



Biodiesel gallons sold by Iowa retailers in 2021 -- 59.6% of the state's diesel sales contained a biodiesel blend.

Economic Drivers

Most of the raw materials used in Iowa's biodiesel production are purchased in Iowa. More than half of Iowa's biodiesel plants are locally owned.



The Iowa biodiesel industry's spending on raw materials in 2021.

1.9B Lbs.



Soybean oil made up 71% of total feedstock use in 2022, providing a market for oil from nearly 162 million bushels (28%) of Iowa soybeans.



Animal fats made up 11% of the total feedstock used in 2022. Canola and distiller's corn oil each made up 7%. And used cooking oil made up 4%.

Iowa's

Iowa biodiesel production increased to 349 million gallons in 2022 -- the third highest annual production reported.

During 2021, the amounts of on-road biodiesel blends sold in Iowa were:

> B1-B10 = 73.6 million gallons B11-B19 = 257.8 million gallonsB20 or higher = 89.6 million gallons

> > Biodiesel blends met 70 percent of total on-road diesel fuel sales



Policy Incentives



Iowa retailers selling B11 are eligible

for a state income tax credit of \$0.05 per gallon. Retailers selling B20 are eligible for \$0.07 per gallon and those selling B30 are eligible for \$0.10 per gallon. In 2021, the share of Iowa retailers selling B20 blends rose 25.7%. The credits expire in 2028

ABOUT BIODIESEL AND RENEWABLE DIESEL







Currently, B11 blends are taxed at a lower rate than the \$0.325 per gallon for diesel. The lower excise tax rate is based on the aggregate blend rate of biodiesel. About 61.5% of on-road diesel sold in Iowa contained B11 or higher blends, saving consumers \$9 million. This tax incentive moves to B20 on July 1, 2024, and expires June 30, 2030

B20 STATEWIDE



By executive order (EO5), all new state vehicles with diesel engines must have the manufacturer's written support to use B20 biodiesel blends. The Iowa Department of Transportation (DOT) fleet uses B20 most of the year in all diesel engines, including snow plows. The City of Ames has 12 snow plows that run on B100.

900+



Iowa biodiesel plants enjoy a production incentive of \$0.04 per gallon for up to 25 million gallons each year (available quarterly until January 1, 2028). Additionally, Iowa's Renewable Fuel Infrastructure Grant Program offers cost-share grants of up to 70% or \$50,000 for a 5-year retail commitment to expand B20 infrastructure. To date, the program has awarded more than \$42.5 million to help fund over 900 projects, including 362 biodiesel dispensers and 143 terminals.



Made from plant-based oils, used cooking oils, and animal fats





Can be used in any diesel engine without modification



Commercially available nationwide



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