

BIOFUELS AND BIORENEWABLES



IOWA'S BIOSCIENCE INDUSTRY ADVANTAGES

Iowa places your business in the center of a dynamic bioscience industry cluster of over 1,900 contributing companies. In 2024, Iowa's biofuels industry added over \$5.7 billion to the state's economy, generated \$2.6 billion in new household income and created and supported nearly 35,000 jobs (Iowa Renewable Fuels Industry).



Consider some of the facts making Iowa more attractive than ever:

- Iowa's pro-business government works to help bioscience businesses grow through a variety of programs offering refundable tax credits – including an R&D tax credit and bioscience job training funds.
- Iowa is home to three public universities – the University of Iowa, Iowa State University and University of Northern Iowa – world-renowned for dynamic research capabilities in the plant, animal and human biosciences. The universities leverage over \$1 billion from external funding, including research grants, on an annual basis.
- Iowa's bioscience industry continues to be a significant part of the state's economy and is positioned for greater expansion.
- Iowa offers a Renewable Chemical Production Tax Credit to incentivize the production of high-value block chemicals and is launching a Sustainable Aviation Fuel Production Tax Credit for investments in sustainable energy solutions.
- Iowa's corporate income tax is 7.1%, and gradually being lowered to culminate in one of the most competitive rates in the nation at 5.5%.

BIOECONOMY PLATFORM

Iowa is focused on the use of biomass as feedstocks for the production of a broad range of industrial biobased products. Iowa leads the nation in the availability of biomass and offers the most robust industrial biotechnology infrastructure available in the U.S. This platform includes two primary subcomponents: advanced biofuels development and value-added biobased chemicals, polymers and materials.

Iowa Centers that Support Research and Commercialization

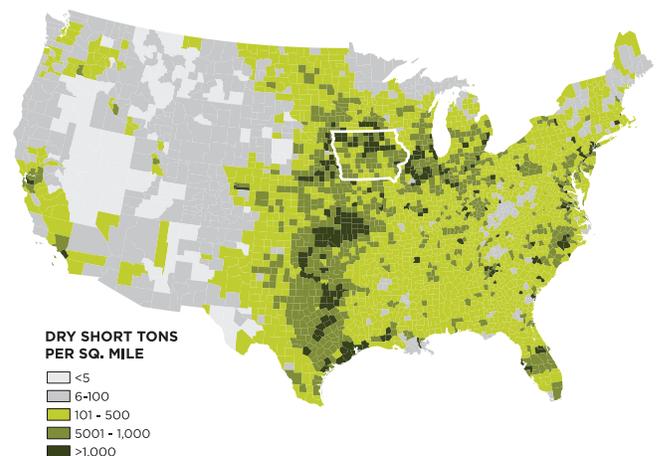
Ames National Laboratory, Center for Biorenewable Chemicals, BioCentury Research Farm, Center for Crop Utilization Research, Center for Biocatalysis and Bioprocessing, Bioeconomy Institute, Center for Bioplastics and Biocomposites. A partnership between BioMADE, Iowa State University and the State of Iowa will establish a \$40 million scale-up biomanufacturing facility.

ACCESS TO RAW MATERIALS

Iowa provides the nation's second largest supply of biomass with the ability to harvest 56 million dry tons of biomass per year (total cellulosic and crop biomass).

2040 BIOMASS RESOURCES

Mature-market Medium Scenario (excludes used resources)
Density to support >750,000 tons per year, 50-mile radius, \$70/Dry Ton



SOURCE: U.S. Department of Energy, 2023
U.S. Billion-Ton Report: Advancing Domestic Resources for a Thriving Bioeconomy

IOWA ECONOMIC DEVELOPMENT AUTHORITY

1963 Bell Avenue, Suite 200
Des Moines, Iowa 50315 USA

International: +1.515.348.6200
Domestic: 1.800.245.4692

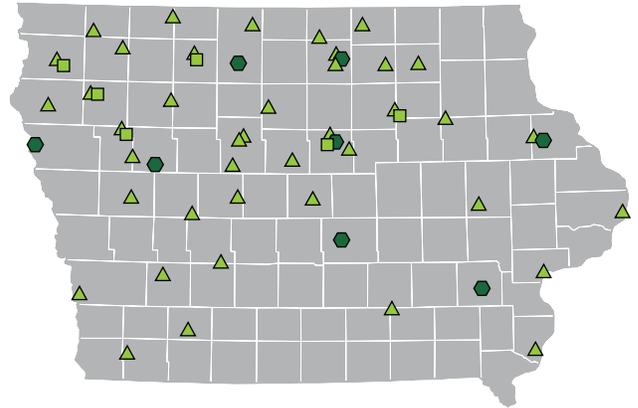
ETHANOL

- Iowa leads the nation in ethanol production with 42 operating ethanol plants that have a capacity of 5 billion gallons (EIA, 2025)
- Iowa accounts for 27% of total U.S. ethanol production. (EIA, 2025)
- Annual ethanol production increased 1045% from 440 million gallons in 2000 to 5 billion gallons in 2025 (Iowa Renewable Fuels Association)
- Iowa's ethanol industry produced approximately 94 million pounds of distillers grains in 2024, the highest of any state. (Iowa Corn Growers Association)

BIODIESEL

- Iowa is first in the nation in biodiesel production with eight biodiesel refineries producing a combined capacity of approximately 427 million gallons. (EIA, 2025)
- Iowa has production capacity to produce 22% of the total U.S. biodiesel capacity. (EIA, 2025)
- Biodiesel production increased from 20,000 gallons to 427 million gallons annually from 2005 to 2025. (Iowa Renewable Fuels Association)
- Iowa offers a tax credit for biodiesel producers. Producers are eligible to receive a refund on the amount of sales and use tax paid during the production of biodiesel, up to 4 cents per gallon for the first 25 million gallons.

ETHANOL AND BIODIESEL FACILITIES



▲ ETHANOL ■ NEXT GENERATION ETHANOL ● BIODIESEL

SOURCE: Iowa Renewable Fuels Association, 2025

IOWA HAS THE RIGHT CHEMISTRY

Iowa's business climate has never been more favorable. Iowa has one of the lowest costs of doing business in the nation, is perfectly positioned with its central location and has a diversified and robust economy. Companies operating in Iowa benefit from a business-friendly state government, business-minded tax incentives and a skilled and productive workforce within a right-to-work state.

To learn more about why Iowa is the right location for business, contact the Iowa Economic Development Authority by calling **+1.515.348.6200** or visit **iowaeda.com**.

COMPANIES AT WORK IN IOWA



For more information on the Iowa bioscience advantage, contact the Iowa Economic Development Authority (IEDA) opportunities@iowaeda.com | **+1.515.348.6200** | iowaeda.com

JG 04242026

FOLLOW US

