Land Stewardship

No crops are grown for biodiesel production, so it doesn't lead to the clearing of land. In fact, U.S. Department of Agriculture data shows overall U.S. acreage for crop production has not increased since 1959.

"The efficiency of American agriculture shouldn't be underestimated when we ask agriculture systems to provide both food and fuel. We've seen a 400-fold increase in soybean yield per acre during the last century. We've accomplished this with lower inputs of water and fertilizer per bushel, even as cropland has declined."

— Dr. Stephen Kaffka, University of California - Davis Department of Plant Sciences.

The federal Renewable Fuels Standard ensures sustainable resources are used in meeting the renewable fuel usage goals in the U.S. The Environmental Protection Agency only approves renewable fuels for the program if:

- Greenhouse gas emissions are significantly reduced compared to petroleum
- It is certified that land was not converted to produce the renewable fuel

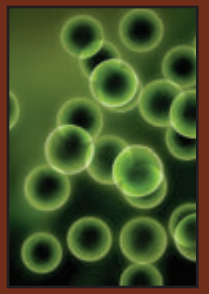
Biodiesel is the only commercially available fuel to meet the EPA's definition of an advanced biofuel. These requirements protect forests and native grasslands and ensure renewable fuels have multiple environmental benefits over fossil fuels.

BIODIESEL®
America's Advanced Biofuel

www.biodieselsustainability.org

Biodiesel
Fueling Sustainability



Made from abundant, diverse resources, biodiesel is America's only commercially available advanced biofuel.

A Breath of Fresher Air

Biodiesel is a renewable, cleaner-burning diesel fuel replacement for any diesel engine.

Environmental benefits*:

- Reduces lifecycle greenhouse gases by 86%
- Lowers particulate matter by 47%, reduces smog and makes our air healthier to breathe
- Reduces hydrocarbon emissions by 67 percent
- For every unit of fossil energy it takes to produce biodiesel, 5.5 units of renewable energy are returned, the best of any U.S. fuel

Easing Oil Consumption, Boosting the Economy

- The U.S. biodiesel industry supports 31,000 green jobs
- Generates at least $3 billion for the U.S. economy rather than spending on foreign oil
- Global biofuels production cuts consumption of crude oil by 1 million barrels a day

Water Conservation

- Biodiesel is nontoxic and biodegradable
- Biodiesel production reduces wastewater by 79% and hazardous waste by 96%*
- A to-go latte takes 26 times more water to produce than a gallon of biodiesel

*compared to petroleum diesel

Food and Fuel

Biodiesel enhances the world's protein supply

Making biodiesel from soybeans uses only the oil portion of the soybean, leaving all of the protein available to nourish livestock and humans. By creating a new market for soybean oil, biodiesel has increased the availability of protein-rich meal more cost-effectively.

"In 2010, U.S. biodiesel produced from soybean oil co-produced enough soybean meal for 57 billion servings of protein like those used in global hunger programs."

-Jim Hershey, Executive Director
World Initiative for Soy in Human Health (WISHH)

Biodiesel is the most diverse fuel on the planet, produced from agricultural by-products and co-products such as:

- soybean oil and other plant oils
- rendered fats
- recycled grease
- algae

"Biodiesel is already one of the most environmentally friendly fuels available, and as an industry we're going even further, continually increasing those environmental benefits."

— Emily Bockian Landsburg of BlackGold Biodiesel and Chair of the National Biodiesel Board's Sustainability Task Force