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THE FACTS ABOUT BIODIESEL

MYTH: **Biofuel** and **Biodiesel** are the same thing.
FACT: **Biofuel** is a broad term that encompasses different kinds of fuel from different sources. When the media refers to **Biofuel**, they are referring to ethanol made from corn. **Biodiesel specifically refers to an alternative diesel fuel made from fats and oils – not corn.** In the US, most **Biodiesel** is made from either soybean oil, waste animal fat, used cooking oil or a combination of the three.

MYTH: **Biofuels** and **Biodiesel** increase the cost of food.
FACT: Corn ethanol is a minor contributor to rising food costs. Not **Biodiesel**. There are many factors associated with rising food costs in the US, including a growing demand driven by China and India, currency differentials, weather conditions, global consumption habits, cattle farming, and fuel costs. With soy-biodiesel, the bean is still used for food. **Soy-Biodiesel** actually encourages more food production and a more efficient use of the plant. With waste cooking oil, and animal fat derived biodiesel, **we are making fuel out of a waste product, which does not compete with food at all.**

MYTH: **Biodiesel** expends more energy than it creates.
FACT: According to the EPA and Department of Energy (DOE), even corn ethanol, the least efficient of the **Biofuels** family, creates 1.2 units of energy for every one unit used. In the case of soy-bean oil **Biodiesel** the fuel creates 4.5 times the amount of energy than was used to make it. **In the case of waste cooking oil based Biodiesel, which is what we sell here at Tri-State Biodiesel, each unit of energy used to create the fuel yields a life-cycle equivalent of 5.5 units of energy!**

MYTH: **Biodiesel** contributes to global warming.
FACT: According to the Food and Agriculture Organization (FAO), in the 15 years from 1990 to 2005, the time period of the emergence of the **Biofuels** into the world market, global deforestation has actually declined by 18%. In fact, in Brazil, which comprises over 50% of the world's rainforests and is a global leader in **Biofuel** production, rainforest deforestation rates have dropped sharply in the past four years by 56% in parallel with a marked 119% boom in the **Biodiesel** and fuel ethanol industries. In other leading rainforest nations, such as India – a world leader in **Biofuel** production – reported forest growth is occurring in tandem with significant development in its fuel ethanol industry. **Globally, rainforest deforestation has decreased with an increase in Biofuel demand and production**. Additionally, a recent report from National Geographic showed that all **Biofuels** **have significantly lower life-cycle emissions of carbon than fossil fuels.** In the case of **Biodiesel**, long-range EPA and National Renewable Energy Library (NREL) **studies show a 78% reduction in overall life-cycle carbon emissions.**

✸✸✸In May of 2008, a group of senators alerted the public that much of the negative press on **Biofuels** was a result of a corporate smear campaign conducted by a Washington DC public relations firm. This smear campaign is using fuzzy math and anonymous studies to slow the US transition to **Biofuels**, much in the same way that similar campaigns slowed action on global warming for several years. **The most unfortunate aspect of this campaign is that well-intentioned groups like the Natural Resources Defense Council and usually reliable news sources like the New York Times have bought into the myths.**

For more information visit **www.TriStateBiodiesel.com** or **www.Biodiesel.org**.