



At 5 million gallon per year production Milagro Biofuels will...

- produce 14,280 gallons of biodiesel a day or 416,000 a month;
- use 416,000 gallons of refined, virgin soy oil a month, or about a barge;
- use the equivalent of over 3 million bushels of soy beans: one bushel makes 1.5 gallons of biodiesel;
- need over 83,000 acres of soybeans per year (40 bushels per acre).

Biodiesel.....

- is less toxic than salt and biodegrades as fast as sugar;
- is made through a chemical process called transesterification whereby the glycerin is separated from the vegetable oil;
- at a 20% blend of biodiesel, or B20, has similar horsepower, torque, and haulage rates as conventional diesel fuel;
- has the highest BTU content of any alternative fuel;
- has a positive energy balance. For every unit of energy needed to produce a gallon of biodiesel, 3.24 units of energy are gained;
- contains no sulfur or aromatics, and use of it results in substantial reductions of unburned hydrocarbons, carbon monoxide and particulate matter; at 100% soy oil, reduces carbon dioxide by 78% on a life cycle basis;
- operates in conventional diesel engines with no modifications;
- is the safest fuel to use, handle and store.

Other fun facts:

- Milagro means miracle in Spanish; soy beans are the miracle bean;
- Our building was built in the 1870's as a cotton-seed mill and is on the Registry for Historic Buildings.