



In partnership with...
The U.S. Dept. of Energy
Idaho National Laboratory



Providing TECHNOLOGY
that gives you...

- **Higher QUALITY**
- **Higher VOLUME**
- **Higher REVENUES**
- **Higher PROFITS**

Is it possible to reduce biodiesel production costs and still improve quality?

That's the single most important question that faces our industry today.

Texas BioDiesel Corporation, in an exclusive partnership with the **U.S. DOE-Idaho National Laboratory**, has the answer.

Our patented and patent-pending Non-Toxic Solvent System and Tunable Solid Catalyst *dramatically* lower feedstock preparation and biodiesel production costs because:

- Oil is extracted and water and impurities are removed in one step (instead of two or more)
- Larger volumes of oil (as much as four times current levels) can be extracted and processed in a single phase
- Solvent system eliminates the need for an expensive degumming unit
- Less methanol and caustic are required in the transesterification process to reach consistent levels of quality (methanol is one of the more expensive ingredients in the process)
- Little or no washing is needed to remove the exclusive Tunable Solid Catalyst
- Low cost non-food-based crops can be used without loss of fuel quality
- Less energy and less time are needed to complete production
- Our non-toxic solvent is inexpensive and available in large quantities

You not only get lower costs and higher throughput, but our patented system increases fuel quality because:

- Water is completely removed
- Impurities and waste products are completely removed
- The methanol-caustic balance is tunable, therefore consistent and predictable



All this and by-products too

Using Texas BioDiesel Corporation's exclusive Non-Toxic Solvent System not only dramatically reduces costs and improves the quality of the final fuel product, but you'll get an additional product that's readily marketable and in high demand — glycerin that is almost pharmaceutical grade.

Depending on the feedstock you use, additional possible by-products include organic pesticide, food for chickens and fish, food for human consumption, and a valuable waste-to-energy product.

In fact, with Texas BioDiesel technology, it's possible to have no unusable waste from your biodiesel production process.

Services to take you to the next level

Texas BioDiesel's team of experts is at your disposal. Here's how we can help you:

- Technology commercialization
- Technology implementation
- Project development
- Project management
- Business development
- Plant construction
- Plant expansion
- Facility operations
- System design
- Feedstock consulting
- Crop diversification programs

Call or email us today to learn more!

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