

## Biodiesel News Updates

### Feather Meal to Biodiesel

Late in July, a group of researchers at the University of Nevada announced that they had developed a new process for creating biodiesel fuel from chicken feather meal. Chicken feather meal has a fat content of approximately 11%, and once the fat has been extracted, it can be refined into biodiesel fuel.

When this fat is combined with the other fats generated by poultry processing operations, there exists a tremendous opportunity to produce biodiesel, a high-value renewable fuel. There is enough feather meal produced in the United States alone to create about 150 million gallons of biodiesel a year. By integrating these biodiesel technologies into their operations, poultry processors have the potential to dramatically improve their profitability.



<http://www.nytimes.com/2009/07/28/science/28obfeathers.html>)

### Newsbriefs. . .

#### USDA Biofuel Producer Cash Payments Program

Authorized by Section 9005 of the 2008 Farm Bill, the USDA has announced a program to reward producers of advanced biofuels with cash payments based on the total BTU value of the fuel that they produce. \$30 million is allocated to this program in 2009, and that allocation is projected to increase through 2012.

#### Hydroplanes Powered By Biofuel

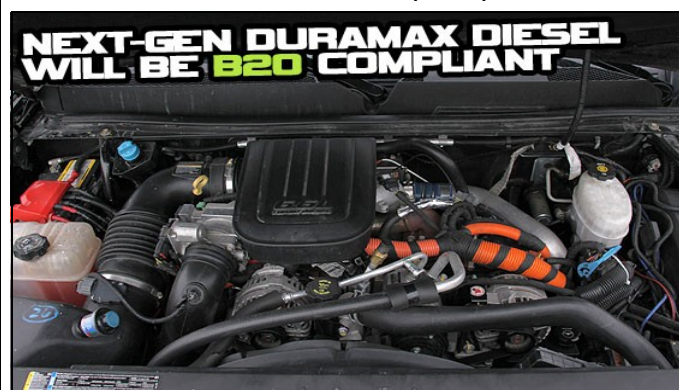


A long-standing summer tradition in Seattle is SeaFair, a multi-day event that includes a parade, fly-overs by the Blue Angels, and finally, one of the most beloved events, hydroplane races.

This year, Boeing teamed up with a well-known local hydro driver, Chip Hanauer, to test the performance of a hydroplane powered by 100% biofuels. After the test, Hanauer said, "as a driver, you're just looking for top end performance, and that's the best the boat's ever run."

#### GM Next Generation Duramax Diesel Burns Green

GM's next-generation heavy-duty Duramax diesel V-8 engine will be certified to run on biodiesel blends of up to B20. 80 percent ultra-low-sulfur diesel and 20 percent biodiesel will power GM's 2011 model year 2500 and 3500 Silverado and Sierra pickups.



The move finally matches the B20 capability of the current 2007-09 Cummins 6.7-liter inline-six that powers the Dodge Ram HD lineup. The 2007 Dodge Ram 3500 was the only pickup in the last Heavy Duty Shootout that was able to burn B20. B20 is available at many truck stops today, but the current 2007-2010 LMM Duramax and Ford's 2008-10 6.4-liter Power Stroke V8 are only approved for B5 biodiesel.

<http://news.pickuptrucks.com/2009/08/nextgeneration-duramax-diesel-will-be-b20-biodiesel-compliant.html>

*This newsletter is courtesy of R3 Biofuels*

[www.r3biofuels.com](http://www.r3biofuels.com)

*For inquiries contact:*

**Morghan Laswell** Tel: (206) 248-5000

[morghan@r3biofuels.com](mailto:morghan@r3biofuels.com)







