



Iowa Renewable Fuels Association

GREEN Team

Grassroots REnewable Energy Network

Newsletter for renewable fuels advocates

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IRFA's 4th Annual Renewable Fuels Summit Coming Soon

The Iowa Renewable Fuels Association (IRFA)'s Iowa Renewable Fuels Summit is quickly approaching. At this year's Summit, companies and individuals will have the opportunity to be part of Iowa's biofuels revolution. The event will take place at the Polk County Convention Complex on January 25, 2010, from 8:30 am to 4 pm.

The summit is free and open to the public. Pre-registration is required, which can be done at www.IowaRFA.org by January 20, 2010. Anyone with questions can contact Lucy Norton at the IRFA office at (515) 252-6249.



Governor Culver confirmed to speak at the Summit

"Whether you are a biofuels investor or just interested in the renewable fuels industry, the Iowa Renewable Fuels Summit will put the hot topics front and center," said IRFA Managing Director Lucy Norton. "There are decisions being made in Des Moines and DC now that will shape the renewable fuels industry for years to come. This conference is our way of keeping everyone up-to-date on these issues – whether E15, alternative biofuels feedstocks or federal policies that will influence future demand."

Attendees will hear from industry leaders about challenges and opportunities facing biofuels. This year's Summit offers our most impressive schedule to date, featuring Iowa Governor Chet Culver, Keynote Speaker General Wesley Clark (Ret.) of Growth Energy, EPA's Margo Oge and USDA's Dallas Tonsager.

Topics for this year's summit include: "The Nation's

Energy Economy," "Biofuels: Charting a New Course for Energy Independence," "Life After RFS," "Beating the Blend Wall," "Driving Iowa's Energy Future" and "Unlimited Future for Biofuels."

The Summit will also include a trade show from 8:30 a.m. to 4 p.m. consisting of equipment manufacturers, technology suppliers and service providers.

Exhibitors at this year's Summit include American Ag and Energy Council, American Coalition for Ethanol, Aska Energy, Biomass Products & Technology, Center for Crop Utilization, Research/BioCentury Research Farm, DeJaye Technologies, Fagen, Inc., Growmark, Inc., Growth Energy, Hydro-Klean, ICM, Inc., Iowa Central Fuel Testing Lab/ICCC, Iowa Corn, Iowa Renewable Fuels Association, Kelly-Hill, Company, Monsanto, National Boiler Training & Renewable Fuels Institute, Pioneer Hi-Bred, Renewable Energy Group, Renewable Fuels Association, Rotochopper, Inc., Seneca Companies, SGS North America, Timpte, Inc. and Walling Company.

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New IRFA Media Campaign Promotes Importance of Biodiesel to Iowa Today and in the Future

The **Iowa Renewable Fuels Association (IRFA)** recently launched a statewide media campaign designed to highlight the importance of biodiesel for Iowa's economy and Iowa's future. The advertising reminds Iowans that committing to biodiesel will preserve today's good jobs, while spurring new jobs and investments in the future – all while lessening our dependence on foreign oil.

“As it has been a tough time economically and legislatively for biodiesel producers, now is the time to rally support for biodiesel here in Iowa,” said **IRFA Executive Director Monte Shaw**. “Iowa's biodiesel producers are on the cutting edge of technology that will revolutionize the biodiesel industry. We need to build consumer demand and to create a policy framework that gives biodiesel producers more certainty. By doing so, Iowans can make sure that the biorefinery jobs and innovations of the future will be right here in Iowa.”

Following a challenging 2009, the biodiesel industry was hit hard recently as Congress' inaction allowed the \$1 per gallon biodiesel blenders tax credit to expire on December 31. In the days since the credit has expired, biodiesel plants in Iowa and around the country have been forced to shut down production and jobs have been negatively impacted.

Shaw added, “IRFA is seeking to work with legislators and regulators at both the state and federal level to help set the course for Iowa's biodiesel producers. During this period of economic uncertainty, legislative and regulatory certainty could provide a much needed boost to this promising industry. IRFA asks Iowans to commit to biodiesel today for green jobs, energy independence, and Iowa's future.”

Listen to the commercial

<http://www.youtube.com/watch?v=7OMtvnI8Jos>

Consumers are Paying Less at the Grocery Store

The **American Farm Bureau (AFBF)** reports retail food prices decreased for the fifth consecutive quarter and are significantly lower than a year ago. All items were cheaper than a year ago with 20-percent-or-larger declines in milk, vegetable oil, chicken breasts, cheddar cheese and potatoes.

AFBF says Americans today spend just under 10 percent of their disposable annual income for food, the lowest average of any country in the world. Meanwhile, the farmer's share of that food dollar continues to decline from roughly 33 percent in the mid-1970's to 19 percent today.

October 2009 Ethanol Production/Demand

U.S. ethanol production reached an all-time high in October 2009 at 740,000 barrels per day (b/d), according to data from the **U.S. Energy Information Administration (EIA)**. That is an increase of 93,000 b/d from October 2008.

Ethanol demand, as calculated by the **Renewable Fuels Association (RFA)**, also reached an all-time high at 767,000 b/d in October, up from 692,000 b/d a year ago. Ethanol demand is averaging 687,000 b/d through September.

EIA also reports fuel ethanol imports of 8.65 million gallons in October.

The RFA released the following October statistics:

	<i>Million Gallons</i>	<i>Barrels per Day</i>
Production	964.2 mg	740,000 b/d
Use	998.3 mg	767,000 b/d
Stocks	633.4 mg	19.7 days of reserve
Exports	0.0 mg	n/a
Imports	8.65 mg	

**Source: EIA/RFA*

Global Ethanol Licensed for GreenShift Technology Use

Global Ethanol has been recently licensed to use **GreenShift Corp.**'s patented corn oil extraction technology at their 100 MMgy ethanol plant in Lakota, IA.

GreenShift's extraction technologies increase biofuel yields 7 percent per bushel of corn, while reducing the energy consumption and greenhouse gas (GHG) emissions of corn ethanol production by more than 21 percent and 29 percent, respectively. This technology also increases ethanol producer income by about 8 to 12 cents per gallon of ethanol produced, according to GreenShift

“GreenShift has shown that corn oil extraction enhances ethanol production efficiencies by increasing biofuel yield while reducing energy use,” said **Global Ethanol CEO Trevor Bourne**. “This in turn improves cash flow and plant profitability.”

An estimated 20 percent of the U.S. ethanol industry currently uses GreenShift's technology. **Kevin Kreisler, Greenshift CEO**, hopes to expand the use of extraction technology. “Our chief goal for 2010 is to support the integration of our patented extraction technologies into as much of the U.S. ethanol fleet as possible,” Kreisler said.

Novozymes Receives \$28.4 Million Tax Credit for Nebraska Plant

Novozymes, the world's biggest producer of industrial enzymes, has been awarded a \$28.4 million U.S. tax credit to support a new plant in Blair, NE to produce enzymes for first-generation and second-generation bioethanol.



novozymes
Rethink Tomorrow

The tax credit was granted as part of a \$2.3 billion program by the Obama Administration to support clean energy manufacturing projects across the United States that will support investments in 183 manufacturing facilities for clean energy products in 43 states and create more than 17,000 jobs according to the **U.S. Department of Energy (DOE)**.

Novozymes is investing around \$200 million in the plant which is expected to be completed by mid-2012. The new facility will provide more than 100 jobs. The plant's blending facility started up in November 2009 and is currently shipping enzymes to customers globally. Novozymes has said it aims to deliver the first commercially viable enzymes for second-generation ethanol in 2010.

"We believe our selection for this tax credit is a reflection of the tremendous potential of advanced biofuels to create green jobs and contribute to meaningful reduction of greenhouse gases in the near-term," **Adam Monroe, president of Novozymes North America**, said in a statement.

New Holland's B100-Approved Tractor Wins 2010 Tractor of the Year

New Holland Agriculture blazed trails by being the first original equipment manufacturer to approve B20, and later B100 biodiesel for use in New Holland engines.



New Holland's **T7070 Auto Command tractor** has won the prestigious title of **Tractor of the Year for 2010 at Agritechnica**, the world's largest show for agricultural machinery and equipment in November 2009 in Hanover, Germany.

A New Holland spokesperson noted that it was quite fitting that the Tractor of the Year be one that is B100 friendly.

A **New Holland T7040 tractor**, also approved to run on B100, will be on display at the **4th Annual Iowa Renewable Fuels Summit** courtesy of **Rueter's** in Johnston, IA.

REG Chosen by Hawaiian Electric to Supply Biodiesel

Renewable Energy Group (REG) has signed a 2 year contract with **Hawaiian Electric Company (HECO)** to supply 3 to 7 million gallons per year of renewable biodiesel processed from used cooking oil and waste animal fat.



Hawaiian Electric Company

The biodiesel will be used to fuel Hawaiian Electric's new 110-megawatt combustion turbine generator unit at **Campbell Industrial Park Generating Station (CIP GS)**. The contract has been submitted to the **Hawaii Public Utilities Commission (PUC)** for approval. Once approved, delivery of the biodiesel could begin within the next four months.



"Utilizing biodiesel as a source for electric power generation is a sustainable, efficient, clean burning alternative," said **REG Chairman and CEO Jeff Stroburg**. "According to the **U.S. Energy Information Administration (EIA)**, more than 600 million gallons of foreign petroleum are burned each year for electric power generation. Using biodiesel helps HECO, their neighbors and the entire power generation industry breathe better. The state is to be commended for its leadership in creating a model for other utility companies across the country to follow."

"This contract is an important step forward in our efforts to create a clean energy economy for Hawaii," said **Robbie Alm, Hawaiian Electric executive vice president**. "We must pursue every renewable resource available -- the sun, wind, our land and oceans -- and take advantage of our unique ability to substitute 'green' fuels in place of 'black' oil-based fuels in our generating units.

"We are glad to continue working with REG on this essential step in meeting our commitment to the PUC and Consumer Advocate to power the new CIP GS unit with renewable biodiesel."

New E85 Blender Pumps

Bancroft Car Go

*112 N Long Street
Bancroft, IA*

Community Oil Company

*1204 Golf Course Road
Rock Valley, IA*

USDA Report: Farmers Shatter Production Records on Fewer Acres

According to the **U.S. Department of Agriculture (USDA)**'s 2009 crop report, the year's corn and soybean harvests shattered records despite one of the slowest and most challenging harvests on record.



In their January report, USDA estimates farmers averaged 165.2 bushels of corn per acre, more than 11 bushels per acre higher than last year's average yield. This record yield helped produce the largest corn crop ever – 13.2 billion bushels, produced on 7 million less acres than were required to produce the second-largest crop on record, 13.0 billion bushels in 2007.

Soybean production also hit a record high at 3.361 billion bushels, up from the last USDA projection of 3.319 billion bushels and up 8 percent from last year.

Iowa leads the nation in corn production at an estimated 2.44 billion bushels with a whopping 182 bushels per acre.

Soybean production in Iowa is estimated at 486 million bushels, compared to 449.6 million in 2008. Yield estimates are for an average of 51 bushels per acre.

The USDA said it will resurvey corn and soybean acreage, yield, production and stocks and may release updated forecasts based on updated information in its March 10 report, because of late harvests in several states.

Biodiesel Off to the Races with NASCAR Team

The **United Soybean Board (USB)** and soybean checkoff plan to partner with the **Furniture Row Racing** team and its **Car of the Heartland**, the "**Official Car of the American Farmer**", during the **2010 NASCAR Sprint Cup** season.

The purpose of this project is to inform and educate Americans about the importance of soy biodiesel and soy-based products at NASCAR events across the country.

"We're going to provide the reimbursement for the soy biodiesel that the hauler will use to haul the car around,"

USB Director Keith Dunn said. "We'll also provide the reimbursement for the soy-based products that they can use in the pits, such as cleaners and degreasers, and we're hoping that will go a long way towards promoting the use of soy-based products."



RFA Disappointed in Failure to Uphold California Law in LCFS Decision

Ignoring numerous examples of violations of California law by the **Air Resources Board (ARB)**, the state's **Office of Administrative Law (OAL)** has approved the **Low Carbon Fuels Standard (LCFS)** for implementation.



"Pursuing this strategy runs counter to the stated goals of Governor Schwarzenegger and the State Assembly to reduce carbon emissions from motor vehicles," said **Renewable Fuels Association President Bob Dinneen**. "As crafted, the LCFS would virtually eliminate domestic ethanol, the only viable low-carbon alternative to gasoline, from the California marketplace in favor of imported ethanol and futuristic fuel technologies such as hydrogen and the electric car."

Dinneen continued, "While serious and substantial concerns remain about the methodology and motives of ARB staff in drafting this standard, ARB failed to fulfill its statutory obligations under California law. In more than one instance, ARB staff failed to fully and appropriately address the valid concerns and comments provided by stakeholders, including the RFA. These failures are in direct violation of California statute and should have prompted OAL to reject the standard."

Biodiesel Blends Not Deterred by Winter Weather

The recent blizzards hitting across the United States are a sure sign that winter weather is truly upon us. During these frigid, blustery months many questions and concerns pop up about biodiesel usage but with good fuel management and high quality fuel, biodiesel blends can stand up to any Iowa winter, even one as bad as this year's.

Biodiesel blends up to 20% should be managed the same as #2 diesel. If higher blends are utilized, additional precautions are necessary during cold weather operation. When used properly, vehicles and equipment running on biodiesel blends have operated problem-free in some of the nation's coldest locations, including Colorado, Massachusetts, Minnesota, Michigan and Wyoming.

Lambert St. Louis International Airport powers its entire diesel fleet with B20, including snow removal equipment. **Mike Bernich, Airport Fleet Manager at Lambert** said, "If I had any doubt about the reliability of biodiesel in cold weather, we wouldn't be using it. It's that important."

For additional info go to www.biodiesel.org/cold.