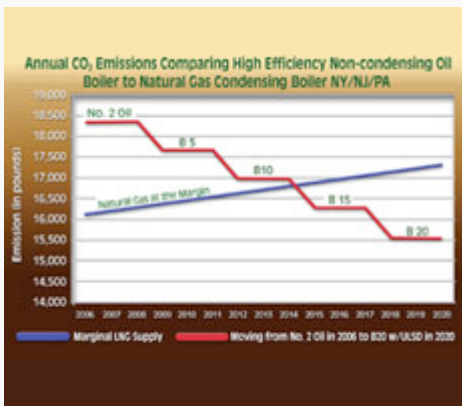




Bioheat: Bringing the Benefits of Biodiesel Inside for the Winter



When blending at least 12 percent biodiesel with ultra-low-sulfur heating oil, Bioheat® can compete with natural gas in terms of emissions.

As Americans continue to look for ways to become more sustainable and less dependent on foreign oil, demand for heating oil blended with biodiesel keeps warming up. Bioheat®, a renewable and domestically produced heating oil made by blending pure biodiesel with generic heating oil, offers homeowners the same environmental and performance benefits that biodiesel offers diesel vehicle owners.

Soybean oil remains the dominant feedstock used to manufacture biodiesel, including the biodiesel used in Bioheat blends. The United Soybean Board and soybean checkoff fund a large portion of the research and development of this beneficial biofuel through the National Biodiesel Board (NBB).

Bioheat can fit in nicely with the public's demand for green alternatives to petrochemical products, says Paul Nazzaro Sr., president of Advanced Fuel Solutions, a North Reading, Mass., company specializing in fuel treatments for heating oil and diesel.

"This industry and the public are ready and willing to comply with the legislative directives to reduce carbon intensity that is inherent with generic home heating oil," says Nazzaro, who also represents NBB in the Northeast and serves as a fuel quality adviser to several national fleets and oil companies. "When I started working with Bioheat seven years ago, I recognized then that it would be the home heating oil of the future. And that's still the case. We're at all systems go in oil-heat land, and Bioheat will play a major role not tomorrow, but today."

Since last winter, NBB and the National Oilheat Research Alliance (NORA) worked to get a B5 Bioheat blend (5 percent biodiesel, 95 percent conventional heating oil) included in the heating oil specification ASTM D 396, a significant step in gaining acceptance for Bioheat from heating oil system manufacturers. Now, work will begin on pushing the ASTM-accepted blend level to 15 percent.

Getting that increase would be important in helping Bioheat compete environmentally with natural gas, heating oil's top competitor. According to a NORA study, if the oil heat industry moves to ultra-low-sulfur heating oil like the Environmental Protection Agency now requires in all on-road diesel, Bioheat blends of B12 and higher would emit less carbon dioxide than natural gas does.

The heating oil market holds great potential for the biodiesel industry and for soybean farmers.

According to NORA, heating oil sales range from 8 billion to 9 billion gallons per year, depending on the severity of the winter. This demand lies mostly in the Northeast and mid-Atlantic regions of the country. Blending 5 percent biodiesel into that volume could use 400 million gallons. Using a B15 blend across the board could create demand as high as 1.2 billion gallons.

To learn more about the benefits of Bioheat, visit

www.bioheatonline.com.

For more information about Advanced Fuel Solutions, visit,

www.yourfuelsolution.com. To learn more about new uses for soy, visit soynewuses.org.