



Closing Comments



UP BioFuel-2010 CAIP Grant



Three critical issues in establishing a wood pellet mill in Ontonagon County:

1. Availability of Feedstock Supply

2. Facility related issues:
Financing, Management,
Production

3. End user market



**Several million \$\$ investment
= outside investor needed**

**Our focus: analyzing the availability
of feedstock and the end-user
market for the Western Upper
Peninsula**



How to convince landowners?

Return on Investment
(ROI) scenarios to
landowners for:

- *Clearing land*
- *Planting*
- *Maintaining*
- *Harvesting*



Land assessments:

WUPPDR has hired a Forestry Technician, Spencer Townsend, a student from Michigan Tech who will conduct land assessments on request in the five Western Counties.



UP BioFuel-2012 CAIP Grant



Interested in a land assessment?

- Four easy ways to sign up:
 - Call 1-800-562-7614, ext. 321
 - Go to www.upbiofuel.com
 - Sign up after the workshop
 - Circle yes for the land assessment on your survey

A screenshot of a web browser displaying the U.P. BioFuel website. The browser's address bar shows the URL 'http://www.upbiofuel.com/'. The website's navigation menu includes links for 'HOME', 'LANDOWNERS', 'INDUSTRY', 'CONSUMERS', and 'WORKSHOP'. The main content area features a section titled 'U.P. Landowners Free Land Consultation'. The text in this section reads: 'If you own more than 20 acres of idle land in Baraga, Gogebic, Houghton, Iron or Ontonagon Counties and are interested in growing Biofuel crops on that land then you are eligible for a free land consultation. Let our forestry technician come out to walk your land and provide you with an assessment as to how well a Biofuel crop could grow on your land. In addition, he can provide you with preliminary cost estimates to get started on this venture. Consultations will occur through August, 2012. For more information please call Spencer Townsend at 1-800-562-7614, ext. 321.' Below this text is a green 'Sign Up' button. In the bottom right corner of the screenshot, there is a logo for WUPFDR of Michigan, which consists of a blue square with the text 'WUPFDR' at the top, a white outline of the state of Michigan in the center, and the text 'of Michigan' at the bottom.

UP BioFuel-2012 CAIP Grant



When to plant?



UP BioFuel-2010 CAIP Grant



What else is on the website?

The screenshot displays the U.P. BioFuel website interface. At the top, a dark blue navigation bar contains the U.P. BioFuel logo and the tagline "Growing A Sustainable Industry". The navigation menu includes links for HOME, LANDOWNERS, INDUSTRY, and CONSUMERS, with a sub-menu for WORKSHOP. Below the navigation bar, the page is divided into several sections:

- Consumers Section:** Features a "Sign Up for Email Updates" form with a "Subscribe" button. Below it, a "Coming Soon: Cost Comparison and ROI Calculators" banner is visible. A "Recent Industry News" section lists links for "All About BioFuel Basics", "BioFuel Facts and Information", and "Learning About BioFuel".
- Industry Section:** Includes another "Sign Up for Email Updates" form and a "Coming Soon: Cost Comparison and ROI Calculators" banner. A "Recent Industry News" section is also present.
- Map:** A map titled "Selected Major Biofuel Users Upper Peninsula 2012" shows the locations of various users. Red dots indicate operational users, and blue dots indicate users under construction. The map covers the Upper Peninsula of Michigan and parts of Wisconsin.

The map shows the following locations and their status:

- Operational (Red Dots):** Omeragon Schools, Warden Power Plant, Ripley Heating Plant (2013) 144,000 Green Tons, Verso Paper, North Central Schools, New Page, North Dickinson Schools, and Whitefish Tap Schools.
- Under Construction (Blue Dots):** Elk Schools, Marquette, and Mascoma (2013) 1.53 Million Green Tons.

The WUPFDR logo is located in the bottom right corner of the page.

Local workshops

- Fall, 2012 WUPPDR will organize smaller, local workshops in Gogebic, Iron, and Ontonagon Counties
- Small workshops will focus on establishment of the crop and development of a cooperative for landowners
- Roger Woods from the Michigan Tech School of Business and Economics will attend to answer questions
- Look for more information at www.upbiofuel.com and sign up to be on our information list

The search for more grant funding

- U.S. Department of Agriculture
 - Rural Development
 - Biomass Crop Assistance Program
- Community Adjustment & Investment Program
- Michigan Economic Development Corporation
- Economic Development Administration



