

Biomass Field Day

August 2, 2007 – Grand Rapids from 8:30 a.m. – 4 p.m.

OR

August 3, 2007 – Little Falls from 8:30 a.m. – 4 p.m.

About the Field Day:

Woody biomass is an abundant renewable resource in Minnesota, with significant potential for increased harvest and utilization. Woody biomass sources include logging slash, products from pre-commercial forestry treatments, and brushland harvest. Environmental and economic potentials exist from biomass harvesting and utilization. This biomass field day will address practical considerations of utilizing woody biomass, specifically: 1) existing and potential markets for woody biomass; 2) ways that biomass harvesting can create new management opportunities; 3) potential site impacts with particular emphasis on soil and wildlife.

Target Audience:

This biomass field day is designed for non-industrial private forest landowners who are interested in understanding the opportunities that exist in biomass harvesting and utilization. Natural resources professionals and loggers are also encouraged to attend. This is a Woodland Advisor Program class that offers 2 elective credits. Continuing education credits will also be available for Certified Foresters, Forest Stewardship Plan Preparers, Loggers and others.

Workshop Dates and Locations:

Grand Rapids, MN: Thursday, August 2, 2007

8:30 a.m. - 4:00 p.m.

North Central Research and Outreach Center (NRROC)

1861 Highway 169 East, Grand Rapids, MN 55744

218-327-4490

Little Falls, MN: Friday, August 3, 2007

8:30 a.m. - 4:00 p.m.

Morrison County Government Center

213 First Ave SE, Little Falls, MN 56345

320-632-0161



Sponsored by the United States Department of Agriculture, the University of Minnesota Extension, the University of Minnesota College of Food and Agriculture and Natural Resource Science, the University of Wisconsin-Stevens Point, and the Minnesota Department of Natural Resources.



**College of Food, Agricultural
and Natural Resource Sciences**

UNIVERSITY OF MINNESOTA

Program Content:

Morning Session:

Biomass Energy Opportunities for Minnesota – Speakers: Keith Jacobson and Lance Sorenson, Minnesota DNR

Soil Productivity Impacts of Biomass Harvesting – Speaker: Dick Rossman, Minnesota DNR

Impacts of Biomass Harvesting to Wildlife Habitat – Speaker: Jodie Provost, Minnesota DNR

Marketing and Sales of Biomass: Potential Market for Woody Biomass – Speakers: Keith Jacobson and Lance Sorenson, Minnesota DNR

Biomass Income from Brushland, Plantation and Forest Management: Options for Landowners – Speaker: Dean Current, Center for Integrated and Natural Resources and Agricultural Management (CINRAM), University of Minnesota

Biomass Marketing to Generation Markets – Speaker: Mike Polzin, Minnesota Power

Laurentian Energy Authority: Renewable Biomass – Combined Heat Power and Power Energy Production – Speakers: Jim Kochevar and Terry Leoni, Virginia-Hibbing Public Utilities

Central Minnesota Ethanol Coop- Biomass Gasification and Electric Cogeneration Demonstration Plant – Speaker: Kerry Nixon, Central Minnesota Ethanol Cooperative

Afternoon Session:

Bus trip to visit the Rapid Energy Center (for the Grand Rapids session) and the Central Minnesota Ethanol Plant (for the Little Falls session). A visit to a previously logged area would also be part of the afternoon session. Cook Logging will operate a Peterson Pacific Horizontal Grinder at the NCROC for the August 2 demonstration in Grand Rapids. A Tub-Grinder equipment will also be in operation during the field tour for the Little Falls session. Dress for the weather. Participants wishing to visit the Rapids Energy Center are advised to wear steel toed safety shoes. Hardhats and safety glasses will be provided.



Questions about the workshop contact: Diomy Zamora, University of Minnesota Extension at 888-241-0720.

Registration (lunch included): Before July 23, 2007: **\$30** After July 23, 2007: **\$35**

Make check payable to: **University of Minnesota**

Mail registration form and check to:
Sue Crotty - University of Minnesota Extension
322 Laurel St. Suite 21, Brainerd, MN 56401

Please select workshop session:

[] Grand Rapids, MN session – August 2, 2007 (Thursday)

[] Little Falls, MN session – August 3, 2007 (Friday)

Name: _____

Address: _____

Phone: _____ Fax: _____

Email: _____