



United States Department of Agriculture

## PERENNIAL BIOFEEDSTOCK ENERGY TOUR AND PRESENTATIONS

### USDA-NRCS Big Flats Plant Materials Center

Wednesday, July 23, 2014

9:30 am – 3:30 pm

**Registration:** 9:30 am– 10:00 am

**Presenters during the field tour:** 10:00 am – 12:30 pm

- ❖ **Paul Salon-** USDA-NRCS Plant Materials Specialist: *Establishment of Perennial Warm Season Grasses and Biomass Projects at the Big Flats PMC.*
- ❖ **Julie Hansen-** Senior Research Associate, and **Don Viands** – Professor, Cornell Plant Breeding and Genetics Department: *Switchgrass Breeding Overview and Projects at Cornell.*
- ❖ **Ben Ballard-** SUNY Morrisville, Director, Renewable Energy Training Center, Assistant Professor: *Thermochemical Conversion of Biomass and Near Term Practical Applications. Demonstration of a Biomass Generator (20kWe).*
- ❖ **Larry Abrahamson** - SUNY College of Environmental Sciences, Senior Research Associate, Emeritus: *Status of Willow Energy Crops in New York and Surrounding States.*
- ❖ **Gary Bergstrom** - Cornell Dept. of Plant Pathology and Plant-Microbe Biology, Professor: *Biology and Management of Switchgrass Smut and Rust Diseases.*
- ❖ **Robert Rynk-** SUNY Cobleskill, Director, Center for Environmental Science and Technology, Assoc. Professor, Agricultural Engineering: *The Utilization of Biomass Pellets for the Production of Electrical Power through the Conversion to Clean Fuel Gas (also known as syngas) Demonstration of a Syngas Generator which Operates a John Deere Gator.*

**Lunch & Demonstrations:** 12:30 pm – 1:30 pm

**Kim McNight-** *Powdered Biomass Burner Demonstration*, Summerhill Biomass Systems

**Presentations:** 1:30 pm – 3:30 pm

- 1:30-Sarah Wurzbacher-** Penn State Extension, NEWBio Consortium: *New Uses & Markets for Bioenergy Crops.*
- 2:00- Jonathan Barter-** Steuben Co. SWCD and Southern Tier Biomass: *Evaluating Emissions from Combustion of Densified Grasses in a Commercial Gasification Boiler.*
- 2:30- Brian Richards-** Cornell Dept. of Biological and Environmental Engineering, Senior Research Associate: *Sustainable Development of Perennial Grass Bioenergy on Marginal Soils of New York.*
- 3:00- Matt McArdle-** President of Mesa Engineering, Auburn NY and Chairman of the NY Biomass Energy Alliance: *Industry Perspective on “Renewable Heat NY Program” and “NYS Cleaner, Greener Communities Initiative”.*

➤ **Please click [HERE](http://events.r20.constantcontact.com/register/event?oeidk=a07e9bbx2kg9aca8020&llr=fzz4ttqab) to register or copy and paste URL below. A buffet style lunch and refreshments will be available for \$12.00. ( <http://events.r20.constantcontact.com/register/event?oeidk=a07e9bbx2kg9aca8020&llr=fzz4ttqab> )**

Contact Paul Salon, paul.salon@ny.usda.gov (607-562-8404) for further information. If you require any special accommodations for the day, please let us know prior to the date of the tour.

**Directions:** Take Route 17 (I 86) to Exit 48 (East Corning/Route 352). Follow Route 352 east for 1.5 miles. PMC entrance is on the left.

**3.5 CCA credits, 1 pesticide credit pending approval**

In cooperation with Cornell University, Penn State University, State University of New York College of Environmental Science and Forestry, Morrisville and Cobleskill Colleges.

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