

# **please Join Us!**

## **Field Day**

### **"Focus on Efficiency"**

**Forage, Dairy and Beef**  
Michigan State University  
Upper Peninsula Research Center  
Saturday, July 23, 2011  
10:15 – 3:30 EDT

- 10:15            Registration
- 10:30            Tour Research Projects
- Dairy Beef Pilot Project  
                 Paul Naasz, UPRC Manager
  - Alternative Bio-Energy Crops for the UP  
                 Mark Seamon, MSU Extension Educator
  - Three Year Summary of Switchgrass Research  
                 Dr. Doo-Hong Min, Extension Forage Specialist
  - RoundUp Herbicide Effectiveness in Corn  
                 Christian Kapp, UPRC Research Technician
- 11:30            Weed Identification in Field Crops  
                 Christian Kapp and Jim Isleib, MSU Extension Educator
- 12:30            Lunch – Sponsored by the Hiawathaland Farm Bureau  
                 4-H Fundraiser - Ice Cream Cones For Sale
- 1:00             MSU Update and Michigan's Role in Framing the Future  
                 Dr. Janice Swanson, Chairperson, Dept. of Animal Science
- 1:30 – 2:30     Choose to attend one of the following:
- Weed Identification in Pastures  
                 Christian Kapp and Jim Isleib
  - Programs for Artificial Breeding  
                 Dr. Dan Buskirk, MSU Beef Specialist  
                 Frank Wardynski, MSU Extension Educator
- 2:30 – 3:30     Choose to attend one of the following:
- Summer Annual Grazing Crops – Italian Rye Grass and Mastergraze Corn  
                 Paul Naasz
  - Wind Tower Results and Possibilities  
                 Eric Wittenberg, MSU Research Specialist
- 3:30             Tour of Crops Research plots for those unable to attend the morning sessions

## Program Descriptions:

### Dairy Beef Pilot Program

The Upper Peninsula Research Center will begin addressing issues and concerns facing dairy beef operations in the UP. A pilot program has been developed to determine the workability of current and modified facilities, and the feasibility of a proposed rearing system. See what has happened so far.

### Roundup Herbicide Effectiveness in Corn

Can you get away with one quart of Roundup? Or will a pre-emerge treatment give enough improvement in weed control to justify the expense? View a side-by-side demonstration of single pass Roundup versus various other programs and tank-mix opportunities.

### Weed Identification in Field Crops

Weed I.D. is still important, even in the new era of herbicide-resistant crops. Refresh your identification skills on commonly occurring weeds at different stages of growth.

### Weed Identification in Pastures

Weed control during the establishment year of new seedings makes a big difference in future pasture performance. Proper I.D. and control of problem weeds during the life of the pasture can also be practical. Weed identification and control strategies in pastures, including herbicides and grazing practices will be discussed.

### Three Year Summary of Switchgrass Research

Results from variety testing and nitrogen fertility study for switchgrass as a bio-energy crop will be presented based on three year data.

### Alternative Bio-Energy Crops for the UP

Several potential bio-species (i.e., canola, camelina, sunflower, miscanthus, switchgrass, reed canarygrass, and corn) will be discussed.

### Programs for Artificial Breeding

Heat detection, heat detection aids and estrous synchronization programs will be discussed. Cows will be on hand for observation and discussion of heat detection and various aids. Labor savings, costs and conception rates will be compared between synchronization programs.

### Summer Annual Grazing Crops

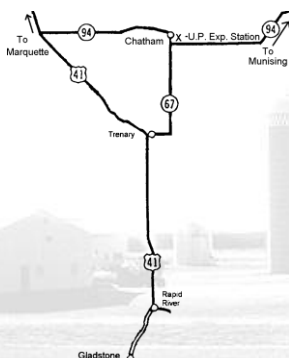
Do you need some additional pasture for the summer slump? Walk through two potential, summer annual crops: Annual Italian Rye Grass and BMR Mastergraze Corn.

### Wind Tower Results and Possibilities

A 60 meter tower has been collecting wind data at the UPRC since June of 2009. Data from the tower will be presented and the potential for wind energy production in the area will be evaluated.

#### Directions:

The U.P. Experiment Station is located ¼ mile south of Chatham on M-94.



#### Other items of interest:

Forage & Field Crop Research Plots  
Beef Herd  
UPRC Farm Machinery

#### For more information contact

Paul Naasz or  
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