

## University of Massachusetts Crop Research and Education Center Tuesday, August 21st, 2007 South Deerfield, MA

Learn about new research on a wide range of topics in vegetable and agronomic crops, cover crops, and crops for fuel! We will tour the brand new equipment workshop that is just being completed at the research farm.

**Agronomic** Field Studies and Crop Management Discussions (10:30 a.m. to 2:00 p.m., \$20 for lunch and tour, \$15 if more than two from one farm)

- Corn hybrid selection for yield and increased grain content.
- Seeding date effects on yield and grain contribution.
- Grain corn hybrid evaluation.
- Field corn genetics.
- Narrow row-high density summer annuals (conventional corn, BMR corn, Japanese millet, BMR sorghum/sudangrass, oat).
- Nitrogen contribution and corn growth following time of seeding cover crops the previous fall.
- Pasture variety/blend evaluations.
- Fencing for rotational and strip grazing.
- Switchgrass variety evaluation (2006 and 2007 seedings).

**Vegetable Crop** Field Studies (4:00 to 7:00 p.m., \$20 for supper and tour, \$15 if more than two from one farm)

**Experiments include:**

- biological and chemical controls for *Phytophthora capsici* in summer squash;
- evaluating new ethnic crops for production in MA – especially for Brazilian and Salvadoran markets
- organic weed management for stale seedbed and between plastic;
- cover crop planting dates for fall N uptake and spring N production
- perimeter trap cropping for controlling flea beetles in Brassicas;
- selection of cold hardy greens;
- growing switch grass as a biomass fuel
- managing nitrogen in sweet corn
- vegetable soybean (edamame) variety trial and planting dates

The Vegetable Field Day will end with a barbecue, salads and desert featuring delicious Brazilian and other ethnic foods.

Two contact hours of pesticide recertification credit will be offered. For more information contact the Vegetable Program lab at 413-577-3976.



**Directions:**

Coming north on I-91: Take exit 24, turn right at the end of the ramp, then right again at the light onto Rt. 116. Go about 1.5 miles, through one light. Before crossing the bridge over the CT River, turn left onto River Rd. Pass the Turf Farm and a subdivision. The Crops Research Farm is on the left.

Coming south on I-91: Take exit 25, turn left at the end of the ramp, right at the light onto Rt. 5&10. Go about 1 mile, past one light and turn left at the next light onto Rt. 116. Continue on Rt. 116 through another set of lights. Take a left onto River Rd (before you cross the bridge). End at 61 River Rd. Farm is on the left.

Coming from south of Sunderland on 116: Take 116 into Sunderland center and across the bridge. Turn right on River Rd. End at 61 River Rd. Farm is on the left.