Long-term Assessment of *Miscanthus* Productivity and Sustainability

**LAMPS** is a field-based approach to address the challenges facing *Miscanthus* establishment and production. We use the non-invasive sterile clone *Miscanthus × giganteus* to answer the questions farmers are asking about the agronomy of *Miscanthus*.

**Activities**

**Planting**
- LAMPS sites were planted May 2015 at three ISU research farms (below)
- Repreve Renewables, LLC provided specialized planting equipment and rhizomes
- The University of Iowa supported planting costs

**Data Collection**
- Emergence is assessed weekly
- Phenological measurements will be assessed regularly

**Plot maintenance**
- Pre-emerge herbicides were applied at planting
- Post-emerge herbicide control of broadleaves will be accomplished with 2,4-D

**Come see us!**

**Upcoming field days**
- July 31st – Iowa City
- September 21st – SE Iowa Research Farm – Crawfordsville, IA
- More dates coming soon – be sure to check our website for updates and event details: http://faculty.agron.iastate.edu/heaton/NewsEvents.html

**Talk to us!**
- For more information, or if you have inquiries please contact us:
  - Nicholas Boersma, PhD, Director of LAMPS – nboersma@iastate.edu
Split plots are different N rate treatments

Total field area = 7.9 acres
Total plot area = 4.4 acres
Total plot area per year = 1.5 acres
Total Corn area = 3.5 acres (More in year 1 and 2 - ‘fallow’ areas will be planted to corn)