

# **National Association of State Departments of Agriculture (NASDA) and Gulf of Mexico Hypoxia Task Force**

*Showcase of new science and developing technologies aimed reducing nutrient transport to water from agricultural lands*

Iowa State University BioCentury Research Farm, Ames, IA  
September 12, 2012

A new technology/science fair will be held September 12, 2012 as part of the Des Moines, IA joint meeting of the Gulf of Mexico Hypoxia Task Force (HTF) and National Association of State Departments of Agriculture (NASDA). Participants will be able to see new science and technology opportunities for reducing nutrient transport from agricultural lands to water resources.

Private and public sector exhibitors will set up field demonstrations and exhibits for the day that demonstrate the broad cross-section of new technologies and emerging science that offer promise to reduce nutrient transport to water from cropped lands. Exhibitors are currently being identified, and those targeted include technologies such as new crop fertility products, potentially new seed genomes, precision farming equipment and service providers, soils and landscape data analyses, drainage and water management practices, reduced tillage, farm equipment advancing new technologies for reducing nutrient transport, new land leasing and financial models to enhance environmental stewardship, etc.

While many of the exhibits will focus on technologies already in the development and delivery chain, some will focus on emerging science and technologies that have not yet fully entered the product/service development and delivery chain.

The showcase will be held at the BioCentury Research Farm of the College of Agriculture and Life Sciences, Iowa State University, Ames, IA. This is one of the leading research centers for developing biorenewable resources and associated environmental sustainability <http://www.biocenturyresearchfarm.iastate.edu/>. Participants will be able to tour the BioCentury Research Farm to view facilities and access expertise in biomass production, harvest, storage, and transport as well as the large pilot-scale fermentation, thermochemical processing, and biological processing conducted onsite.

The new science/technology fair is a unique opportunity to advance understanding of the role that new science and technologies will play to enhance environmental stewardship within agriculture, as well as to encourage entrepreneurial investment in environmental technologies within agriculture, food and renewable fuel production.

Participants will be transported to and from the joint HTF/NASDA meeting host hotel at Des Moines to the BioCentury Research Farm by bus, with arrival at 11 am targeted. Lunch will feature a hog roast and BBQ ribs, prepared by Midwest renowned Lynch BBQ. The exhibits and tours are planned to be open until late afternoon, approximately 5 p.m.