



National Institute of Food and Agriculture
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Biomass Research and Development Initiative (BRDI)

Briefing for Biomass R&D TAC

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Carmela A. Bailey

National Program Leader, Agricultural Materials





Biomass Research and Development Initiative FY 2012

- **USDA contribution - FY 2012 \$40 M authorized, \$25M available**
- **DOE contribution - FY 2012 \$10M**
- **DOE Office of Biomass and Golden Field Office administer pre-application process**
- **USDA-NIFA administers the invited full application process**
- **FY 2012 solicitation announced March 2012**
- **178 Pre-applications reviewed**
- **42 Invited full applications reviewed**
- **Awards not later than September 30**

Biomass R&D Initiative FY 2011 Awards

- **Quad County Corn Processors Cooperative**
 - **Retrofit dry mill to add value to whole stillage:**
 - cellulose fraction converted to ethanol, corn oil for biodiesel or feed, high-protein distillers dried grains for non-ruminant feed market
- **Agricultural Research Service**
 - **Optimize oilseed crops and production systems to produce jet fuel and diesel**
- **University of Wisconsin**
 - **Utilize dairy manure as source of fertilizer and fiber: anaerobic digestion, fertilizer for oilseed crops/oil for biodiesel/meal for animal feed, convert fiber to ethanol**



Biomass R&D Initiative FY 2011 Awards

- **Cooper Tire & Rubber**
 - Optimize production and quality of guayule rubber for use in tire formulations, convert bagasse to chemicals and power
- **University of Hawaii**
 - Optimize production of grasses and pre-treatment for biological conversion to jet fuel



Biomass Research and Development Initiative Concurrent Activities

- **FY 2012 competition completed**
- **XX FY 2012 proposals in process for award**
- **19 site visits completed, next round planned**
- **Analysis of program performance**
- **Progress report to Congress being finalized**
- **BRDI and the new Farm Bill – what's next?**