

USDA update on Advancing Biomass Projects

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Biomass TAC Meeting
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USDA Biomass Updates

- Biorefinery Assistance Program
- BioPreferred Program
- Solicitation Update
- Farm Bill Title IX Update
- Climate Change Adaptation/Mitigation

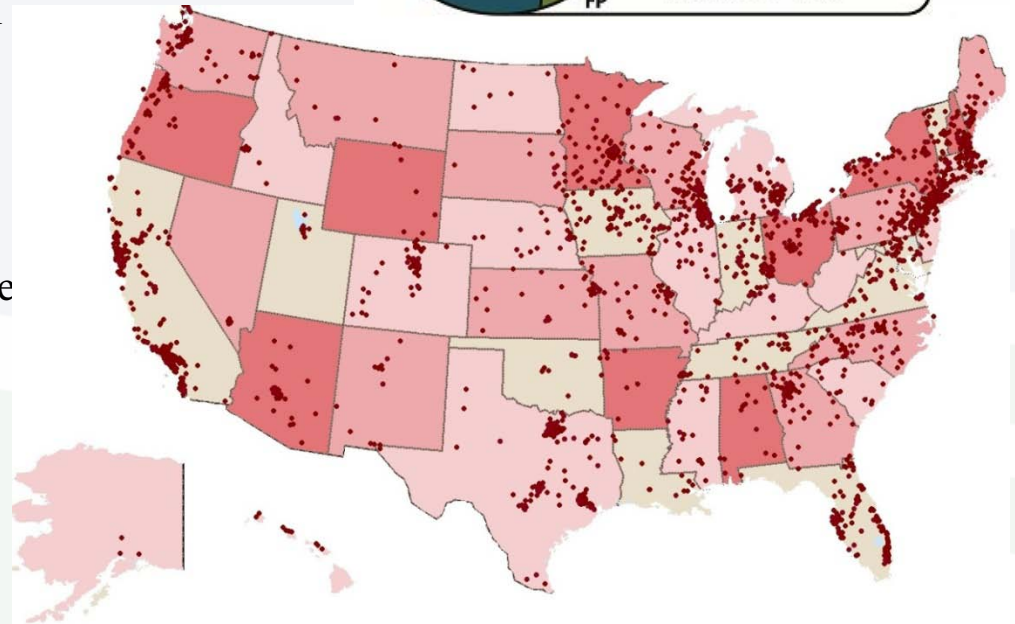
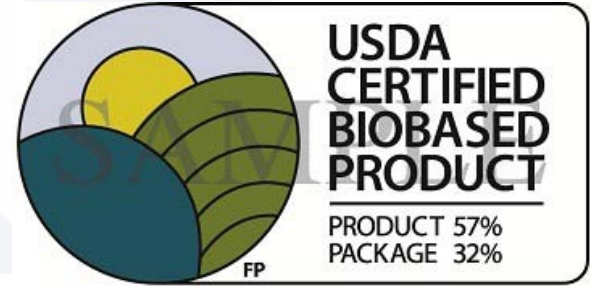
Biorefinery Assistance Program

- Sapphire Energy, algae-to-crude oil project in New Mexico, has paid off \$54.5M loan guarantee, continuous operation since May 2012
- Fremont (MI) Community Digester, fully operational
- INEOS Bio in Vero Beach, Florida producing cellulosic ethanol at commercial scale, first ethanol shipments will be released in August



BioPreferred- Biobased Product Marketing

- Designated 8 new biobased product categories for preferred Federal procurement including: aircraft and boat cleaners; automotive care products, engine crankcase oil; gasoline fuel additives; metal cleaners and corrosion removers; microbial cleaning products; paint removers; and water turbine bearing oils
- Now 97 designated categories representing approx. 10,000 unique product types
- Biopreferred Program also has reopened the web portal for companies to apply for the voluntary USDA Certified Biobased Product label
- 900 individual products have received the USDA Certified Biobased Product label



Farm Bill Title IX

Current Solicitations

- Section 9002 open
- Section 9003 expect to open the program in near future
- Section 9004 Unfunded for 2013
- Section 9005 Contract application period closed
- Section 9007 Solicitation closed, state awards expected in near future
- Section 9008 Unfunded for 2013
- Section 9011 Unfunded for 2013

Farm Bill Title IX

Provision	Senate Changes	House Changes
Biobased Markets Program (Sec. 9002)	Extends through FY2018 with \$3 million/year mandatory and \$2 million/year discretionary	Extends through 2018, “such funds to carry out this section”
Biorefinery Assistance Program (Sec. 9003)	Authorized through 2018 with \$150 mil/year Discretionary. Mandatory money: \$100 million in FY13, \$58 million in FY14 and 15. For FY13-15, not more than \$25 million toward biobased product	Reauthorized through 2018 with \$75 million/year discretionary funding
Repowering Assistance Program Sec. 9004	Program not reauthorized , section eliminated	Reauthorized through 2018 with \$10 million/year discretionary Funding

Provision	Senate Changes	House Changes
Bioenergy Program for Advanced Biofuels (Sec. 9004 in Senate bill and Sec. 9005 in House)	Reauthorized through 2018 at \$20 million/year discretionary	Reauthorized through 2018 with \$50 million/year discretionary funding
Biodiesel Fuel Education Program (Sec. 9005 in Senate bill and Sec. 9006 in House bill)	Reauthorized through 2018 at \$1 million/year discretionary and with \$1 million/year mandatory funding	Reauthorized through 2018 with \$2 million/year discretionary funding.
Rural Energy for America Program (REAP (Section. 9006 in Senate Bill and Sec. 9007 in House bill)	Reauthorized through 2018 at \$20 million/year discretionary and \$48.2 million/year mandatory funding	Reauthorized through 2018 with \$45 million/year discretionary funding

Provision	Senate Changes	House Changes
Biomass Research and Development Initiative (Sec. 9007 in Senate bill and Sec. 9008 in House)	Reauthorized through 2018 with \$30 million/year discretionary and \$26 million/year mandatory funding	Reauthorized through 2018 with \$20 million/year discretionary funding
Feedstock Flexibility Program (Sec. 9008 Senate, 9009 House)	Reauthorized through 2018	Reauthorized through 2018
Biomass Crop Assistance Program (BCAP) (Sec. 9009 in Senate bill and Sec. 9010 in House)	Reauthorized through 2018 with \$20 million/year discretionary and \$38.6 million/year mandatory funding	Reauthorized through 2018 with \$75 million/year discretionary funding
Community Wood Energy Program (Sec. 9011)	Reauthorized through 2018 at \$5 million/year discretionary funding	Reauthorized through 2018 with \$2 million/year discretionary funding

Other Research Programs and Resources

- Agriculture and Food Research Initiative - Sustainable Bioenergy:
<http://nifa.usda.gov/fo/afrisustainablebioenergy.cfm>
- Small Business Innovation Research Program (SBIR):
<http://www.nifa.usda.gov/fo/sbir.cfm>
- The 2008 Farm Bill: Making an Impact Through NIFA:
http://www.nifa.usda.gov/nea/ag_systems/pdfs/farm_bill_1_2013.pdf

President Obama's Plan to Fight Climate Change

- New threats have been observed in recent years—increased risk of severe wildfire, more intense storms, worse problems from invasive pests
- USDA announced creation of 7 new “regional climate hubs” to provide farmers/ranchers with regionally-appropriate information to adapt to climate change
- www.usda.gov/climatesolutions
- www.whitehouse.gov/share/climate-action-plan

Thank you!

For more information on USDA Energy Programs, visit: www.usda.gov/energy



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