

Charting a Course to Energy Independence

Providence, RI
August 9-12, 2009





BioPreferred –Your Answer to Biobased Purchasing

GOV Energy
August 9-12, 2009

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U.S. Department of Agriculture



What is a Biobased Product?

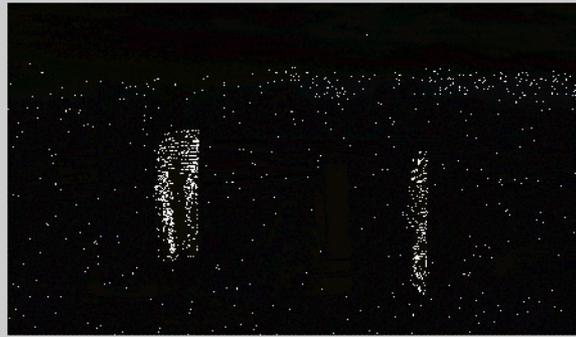
- Biobased products are those the Secretary of Agriculture determines to be composed in whole or large part of renewable agricultural or forestry materials
- Biobased products can include plant, animal, and marine materials.



Food vs. Fuel Controversy



Increasing fuel demand



High costs for fertilizer, harvesting energy, transport to market



Increasing population diet demand



Drought (world)



Export restrictions



What is BioPreferred?



- USDA brand name for Biobased Markets Program established in Farm Bill 2002/2008
- Identifies and seeks to establish new markets for biobased products
- Two program parts
 - Federal procurement preference program
 - Voluntary labeling program



Program Statutory Requirements

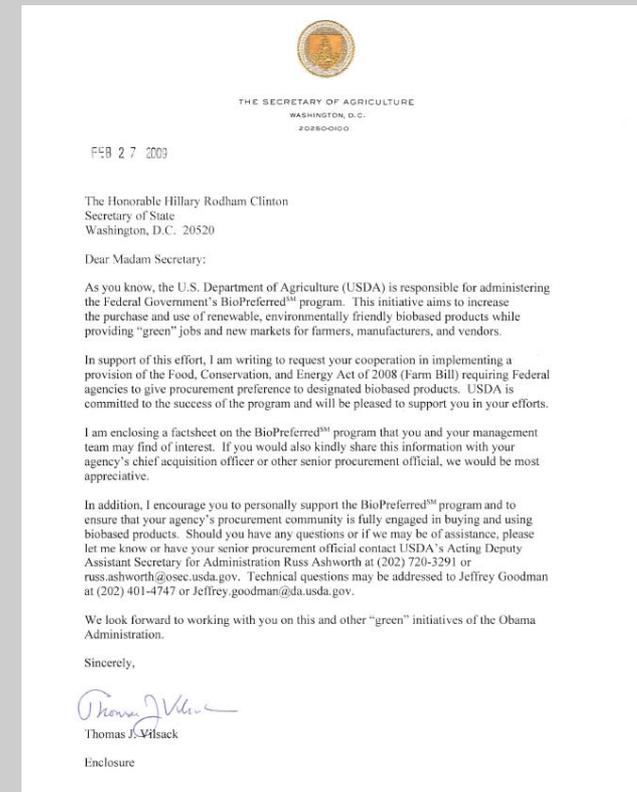
- 2008 Farm Bill
- Federal Acquisition Regulations (FAR)
 - Updated for BioPreferred Nov 2008
- Executive Order (EO) 13423
 - Signed Jan 2007
 - Recognized by Current Administration





BioPreferred in New Administration

- Discussed during Secretary Vilsack's Senate confirmation hearing
- USDA letter to all Cabinet Heads
- Senator Harkin plans to call each Cabinet level department to testify to the Senate Agriculture Committee on its implementation progress





Why Purchase BioPreferred Products?

- Increase our energy security and independence
- Spur economic development
- Improve our environment
- Meet legislative mandates and regulatory requirements



USDA's BioPreferred Strategy

- Establish Department as leader in biobased purchases
- Provide support and guidance to other Federal stakeholders and to biobased manufacturers





USDA's Role in BioPreferred Procurement Preference

- Establish Guidelines (published January 11, 2005)
- Designate BioPreferred items -- generic groupings of biobased products -- that receive procurement preference
- Establish BioPreferred model procurement program



BioPreferred Regulatory Rounds

Round #	Total Items (Categories)	Categories
1	6	Bedding, Bed Linens & Towels, Diesel Fuel Additives Hydraulic Fluids – Mobile Equipment Penetrating Lubricants Roof Coatings Water Tank Coatings
2	9	Adhesive & Mastic Removers Composite Panels (5 types) Disposal Containers Fertilizers Transformer Fluid (2 types) Graffiti & Grease Removers Hand Cleaners & Sanitizers Plastic Insulating Foam (Construction) Sorbents



BioPreferred Regulatory Rounds

Round #	Total Items (Categories)	Categories
3	10	2-Cycle Engine Oils Carpet/Upholstery Cleaners Carpet Disposable Cutlery Dust Suppressant Films (2 types) Glass Cleaners Greases (5 types) Hydraulic Fluids – Stationary Equipment Lip Care Products

Rounds increase the number and type of BioPreferred-designated products



BioPreferred Regulatory Rounds

Round #	Total Items (Categories)	Categories
4	8	Bathroom/Spa Cleaners Concrete/Asphalt Release Fluids De-Icers – General Purpose Firearm Lubricants Floor Strippers Laundry Products (2 types) Metalworking Fluids (3 types) Wood/Concrete Sealers (2 types)
5	9	Chain & Cable Lubricants Corrosion Preventatives Food Cleaners Forming Lubricants Gear Lubricants Household Cleaners – General Purpose Industrial Cleaners Multipurpose Cleaners Parts Wash Solutions

Rounds 2 - 4 Preferred Procurement Effective June 2009



BioPreferred Regulatory Rounds

Round #	Total Items (Categories)	Examples	Status
6	9	Disposable Tableware, Metal Cleaners, Paint Removers	Planned
7	8	Shipping Containers, Floor Cleaners	Planned
8	10	Interior Paints & Coatings, Packaging Materials	Planned



Designated Items

- 33 items have been designated
- More than 3,700 products represented
- Many products that can be used in:
 - Construction
 - Cafeteria/Food Service
 - Facility Operations and Maintenance
 - Janitorial Services
 - Vehicle Maintenance





Key Federal Designated Items

Construction/ Facility Operations	Carpets Composite Panels Hydraulic Fluids Sorbents
Food Service	Cutlery/Containers
Janitorial	Carpet Cleaners Glass Cleaners Graffiti/Grease Removers Multi-purpose Cleaners
Vehicle Maintenance	Greases Lubricants



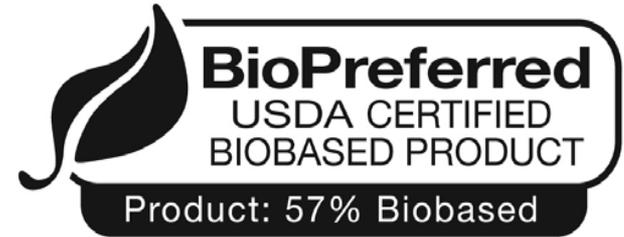
BioPreferred Labeling





Labeling Program

- Voluntary labeling program will allow product vendors to use a USDA logo to identify qualifying products
- USDA plans to issue proposed rule this month
- USDA also plans to conduct market research on label this summer/fall





BioPreferred Program Tools

- Contract templates
- Life-cycle performance information sheet
- Seller/buyer “matchmaking”
 - Connecting feds with suppliers
- How to do BioPreferred Business Guide
 - For product manufacturers/vendors
- Outline/classroom training
- Outreach/training materials
- Fact sheets/brochures
- www.biopREFERRED.gov
 - Online catalog of BioPreferred items



BioPreferred Tools: Website

The screenshot shows the BioPreferred website in a Windows Internet Explorer browser window. The address bar displays <http://www.biopreferred.gov/Default.aspx>. The website header includes the USDA logo and the text "United States Department of Agriculture BioPreferredSM". A navigation menu contains links for Home, About BioPreferred, Catalog, FAQs, Links, Help, and Contact Us. The main content area features a search bar, a "Browse by Subject" sidebar, and several featured sections: "BioPreferred" (describing the program's goals), "Spotlights" (highlighting a 2009 EXPO in San Antonio, Texas, and a designated item of the month: Vegetable Oil-Based Transformer Fluids), and "In the News" (reporting on a feature in NewsChannel 8). A sidebar on the right lists "I Want To..." actions and "Quick Links". The browser's taskbar at the bottom shows several open applications, including "Inbox - Microsoft...", "Jeff Slides 05210...", "Slide on Web Sit...", "Web Site Revie...", and "BioPreferred ...". The system clock indicates the time is 10:18 AM.



BioPreferred Reporting Support

- Acquisition Planning
 - Checklist for contracts over a certain dollar level requiring BioPreferred checkoff
- Procurement Forecast
 - Add biobased/green icon to annual procurement forecast -- contract type, point of contact, estimated dollar value, award date, location, etc...
- Contractor Writing Systems (IAS)
 - Add BioPreferred data elements
 - Provide data on task orders, contracts, purchase orders -- dollars, quantity, actual biobased products used, type of contract, etc...



BioPreferred Reporting Support

- Federal Procurement Data System (FPDS)
 - BioPreferred and other green procurement areas added as a data element effective as of Oct 2010
- FedBizOpps
 - Standard FedBizOpps synopsis for contracts that contain biobased language
 - Quantify number of contracts that contain BioPreferred; quantify number of contracts that do not contain BioPreferred but should, and conduct follow up with actual contracting officer on presolicitations
 - Follow progress of presolicitation to actual solicitation to ascertain whether solicitation was changed



Recent Event: BioPreferred Showcase & Training

- In conjunction with the 2009 GSA International Products and Services Expo
- 9 BioPreferred training sessions
- ~30 biobased vendors exhibited





Asphalt and Tar Removers

- Oil-based products used in the removal of asphalt and tar from various surfaces



www.rhomar.com



www.citrusdepot.net



Asphalt Restorers

- Seal, protect, and restore asphalt and concrete
- Often reverses the oxidation process that breaks down asphalt



www.replayohio.net



Form Release Fluids

- Provide lubricating barrier between the concrete or asphalt and forms to aid in removal of forms



www.bioblend.com



Concrete Curing Agents

- Aid in concrete wear resistance and strength

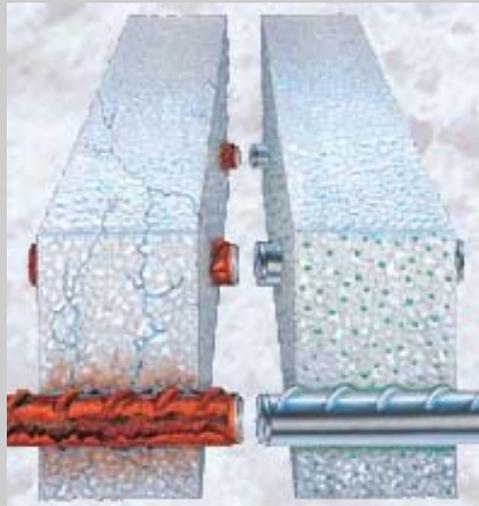


www.soyclean.biz



Concrete Repair Patch

- Fiber reinforced or polymer-modified material for structural repairs



www.cortecvci.com



Masonry & Paving Systems

- Forms and materials for constructing walls and pavements
- Cold patch asphalt replacements



www.faswall.com



Composite Panels

- Includes acoustical, interior, plastic lumber, structural interior, and structural wall panels
- Can be used in all types of buildings



www.agriboard.com



www.heartlandbio.com



Floor Coverings

- Flooring from many different materials such as bamboo, cork, wood, and linoleum



www.kireiusa.com



www.universal-textile.net



Foams

- Foam material for packing, insulating, sound proofing, and upholstery



www.ecovatedesign.com



Cellulose & Batt Insulation

- Composed of different types of natural fiber insulation
- Benefits include ease of use, efficiency, and sustainability



www.knaufinsulation.com



www.ecobatt.us



Plastic Insulating Foams

- Spray-in-place plastic foams provide a sealed thermal barrier
- Effectively eliminates unwanted air infiltration by sealing and insulating side walls, end walls, and ceilings



www.biobased.net



www.iowafoam.com



Paints and Coatings

- Provides resistance to weather and sunlight
- Can be used on a large variety of surfaces



www.greenplanetpaints.com



www.americanclay.com



Roof Coatings

- Provide protection to many different types of roofs
- Used to waterproof, seal, stop rust, protect against weathering and wood rot, etc.



www.volatilefree.com



www.uniflexroof.com



Wood & Concrete Sealers

- Either forms a membrane on the surface or penetrates the outer layer of the material to protect against insects, moisture, or decay



www.enviroseal.com



Wood & Concrete Stains

- Finishes made to enhance wood and concrete's natural coloring
- Provides all the qualities of top quality performers in a biobased substance



www.timberoxgreen.com



Questions?

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