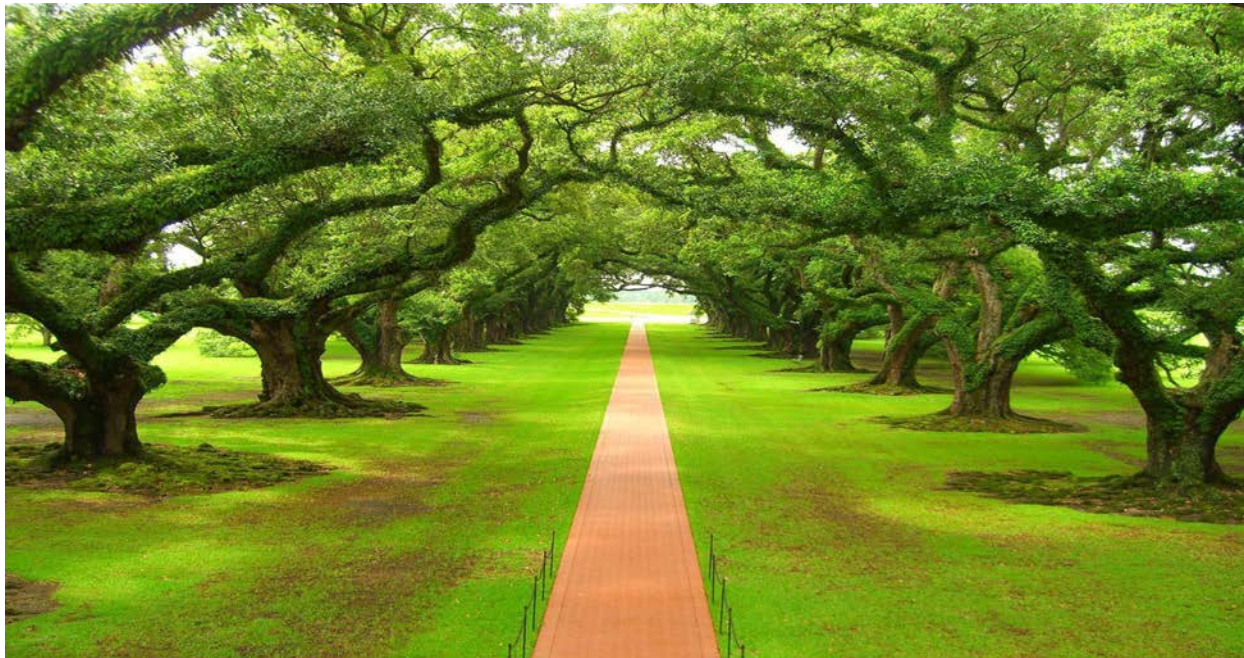


# SUBSISTENCE FOOD SERVICE OPERATING SUPPLIES GREEN PROCUREMENT GUIDE



# SUBSISTENCE FSOS GREEN PROCUREMENT GUIDE

- The information contained within this guide is intended for training purposes only. It is the responsibility of the individual to insure the most accurate and up to date information is used.

# USDA BIOPREFERRED PROGRAM

- The BioPreferred® program was created by the Farm Security and Rural Investment Act of 2002 and expanded by the Food, Conservation, and Energy Act of 2008. In addition, Presidential Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance, mandates the purchasing of biobased products. [Executive Order 13693—Planning for Federal Sustainability in the Next Decade](#) has been created in order to maintain Federal leadership in sustainability and greenhouse gas emission reductions.
- Under the Federal procurement preference program, USDA designates categories of biobased products. Federal agencies and their contactors are then required to give preferential consideration to these designated product categories when making purchases.  
<https://www.biopreferred.gov/BioPreferred/faces/catalog/Catalog.xhtml>
- As a part of this process of designating product categories for the Federal procurement preference, USDA establishes the minimum biobased content for the category.

# Disposable Containers

Products designed for temporary storage or transportation of materials including, but not limited to, food items. 72% minimum biobased content.

<http://www.biopREFERRED.gov/ProductCategories.aspx>



## DISPOSABLE TABLEWARE

Products made from, or coated with, biobased plastic resins or alternative biobased feedstock ( **focus on alternative biobased products i.e. PLA (polylactic acid), bamboo, sugarcane, corn, wheat, plant based plastics, or products made form alternative sources such as bamboo or sugarcane fiber.** ) used in dining, such as drink ware and dishware, including but not limited to cups, plates, bowls, and serving platters, and that are designed for one-time use. This item does not include disposable cutlery, which is a separate item.

Minimum Biobased Content: 72%



## Disposable Cutlery

Hand-held, disposable utensils designed for one-time use in eating food.

48% - Minimum Biobased Content



- Films - Non-Durable

Products that are used in packaging, wrappings, linings, and other similar applications. Films that are intended for single use for short-term storage or protection before being discarded. Non-durable films that are designed to have longer lives when used are included in this item.

48% - Minimum Biobased Content



# OTHER BIOBASED OPPORTUNITIES FOR A COMPLETE UPDATED LIST

<http://www.biopREFERRED.gov/ProductCategories.asp>

- HAND CLEANERS 64% - Minimum Biobased Content
- HAND SANITIZERS 73% - Minimum Biobased Content
- FOOD CLEANERS 53% - Minimum Biobased Content
- TOWELS 12% - Minimum Biobased Content
- FLOOR STRIPPERS 78% - Minimum Biobased Content
- GLASS CLEANERS 49% - Minimum Biobased Content
- LAUNDRY PRODUCTS GENERAL POURPOSE 34% - Minimum Biobased Content
- LAUNDRY PRODUCTS SPOT REMOVERS 46% - Minimum Biobased Content
- SORBENTS 89% - Minimum Biobased Content
- GREASES FOOD GRADE 42% - Minimum Biobased Content
- INDUSTRIAL CLEANERS 41% - Minimum Biobased Content
- MULTIPURPOSE CLEANERS 56% - Minimum Biobased Content
- DISHWASHING PRODUCTS 58% - Minimum Biobased Content
- FLOOR CLEANERS & PROTECTORS 77% - Minimum Biobased Content
- OVEN & GRILL CLEANERS 66% - Minimum Biobased Content
- DEODORANTS 73% - Minimum Biobased Content
- BATH PRODUCTS 61% - Minimum Biobased Content
- SHAMPOOS HAIR CARE 66% - Minimum Biobased Content
- AIR FRESHEHERS 97% - Minimum Biobased Content
- SHAVING PRODUCTS 92% - Minimum Biobased Content
- SUN CARE PRODUCTS 53% - Minimum Biobased Content
- MICROBIAL CLEANING PRODUCTS DRAIN MAINTENANCE 44% - Minimum Biobased Content
- MICROBIAL CLEANING PRODUCTS GENERAL CLEANERS 50% - Minimum Biobased Content



# Biobased Opportunities



# USDA Certified Biobased Products



- Only by choosing biobased products labeled “USDA Certified Biobased Products” can the consumer be assured that the USDA and the Federal government stand behind the accuracy of the claim that the product contains biological ingredients in the amounts stated on the label. Manufacturers and vendors who have obtained the rights to use the BioPreferred® label on a product have submitted to USDA test evidence of the biobased content of the product or package.
- USDA has established minimum biobased content standards for many product categories. A product must meet or exceed the minimum biobased content percentage in its given category in order to use the Certified Biobased Product label. Product categories for which biobased content standards have not been established must contain 25% biobased content.

# Biodegradable?

- •Currently there is no environmental attribute associated with biodegradability
- •Many items are biodegradable, but aren't sourced in a responsible, sustainable way.  
Paper products? Sustainable Sourced?  
Recycled content?
- •Not all items that are biodegradable are biobased.

# Legal Requirements

- Subpart 23.4—Use of Recovered Materials and Biobased Products
- FAR Subpart 23.1 Sustainable Acquisition Policy
- Exclusions – weapons systems, OCONUS, reasonable price, reasonable performance standards.

U.S. Environmental Protection Agency  
Comprehensive Procurement Guidelines  
For a Complete & Updated List Visit

<http://www.epa.gov/epawaste/conserva/tools/cpg/products/index.htm>

- Paper and Paper Products
  - Commercial/Industrial Sanitary Tissue
  - Paperboard and Packaging
  - Miscellaneous Paper Products

# Commercial/Industrial Sanitary Tissue

Sanitary tissue products include bathroom and facial tissue, paper towels, napkins, and general-purpose industrial wipers. They are generally sold in rolls or sheets and are used in personal care, food service, and cleaning applications. The grades of sanitary tissue products covered in the CPG are manufactured for use by restaurants, hotels, schools, government agencies, and other similar commercial and institutional buyers. Some recycled-content sanitary tissue products are softer, stronger, and more absorbent than others.

EPA's Recommended Recovered Fiber Content Levels for Commercial/Industrial Sanitary Tissue Products			
Product	Postconsumer Fiber (%)	Total Recovered Fiber (%)	
Bathroom Tissue	20-60	20-100	
Paper Towels	40-60	40-100	
Paper Napkins	30-60	30-100	
Facial Tissue	10-15	10-100	
General Purpose Industrial Wipers	40	40-100	

# Foodservice Opportunities For Commercial/Industrial Sanitary Tissue With Recycled Content



# Paperboard and Packaging

Kraft padded mailers, Kraft bags, and wrapping paper made from OCC also fall under the packaging category.

EPA's Recommended Recovered Fiber Content Levels for Paperboard and Packaging Products		
Product	Postconsumer Fiber (%)	Total Recovered Fiber (%)
Corrugated containers: <sup>1</sup>		
- (<300 psi)	25-50	25-50
- (300 psi)	25-30	25-30
Solid Fiber Boxes	40	40
Folding Cartons <sup>2</sup>	40-80	100
Industrial paperboard (e.g., tubes, cores, drums, and cans)	45-100	100
Miscellaneous (e.g., pad backs, covered binders, book covers, mailing tubes, protective packaging)	75-100	90-100
Padded mailers	5-15	5-15
Carrierboard <sup>3</sup>	10-15	10-100
Brown papers (e.g., wrapping paper and bags)	5-20	5-40



# Foodservice Opportunities For Products made with Recycled Paper



Side Panel Green Logos



**TERRA**  
Fully Compostable  
100% Recycled Paperboard



# Miscellaneous Paper Products

Tray liners currently are the only product in the Miscellaneous Paper category. Sometimes referred to as "doilies" or "place mats," tray liners are specialty paper items designed to line food service trays in institutional and commercial restaurants and cafeterias in schools, hospitals, prisons, and private facilities.

EPA's Recommended Recovered Fiber Content Levels for Miscellaneous Paper Products					
Product	Postconsumer Fiber (%)	Total Recovered Fiber (%)			
Tray Liners	50-75	100			

# Foodservice Opportunities for Recycled Content Paper Tray Mats/Liners & Doilies



# USDA Announces Inclusion of Wood Products and Other Materials in BioPreferred Program

WASHINGTON, August 6, 2014 - The U.S. Department of Agriculture has issued a final rule eliminating the restrictions on including mature market wood products and other materials in the BioPreferred program. The action implements changes included in the 2014 Farm Bill.

The final rule establishes a procedure to designate "intermediate ingredients" so products made from them can be included in the "preferred" Federal procurement process. That rule establishes procedures for designating "complex assemblies" that contain one or more components made from biobased ingredients. **The 2014 Farm Bill required the BioPreferred program to "promote biobased products, including forest products, that apply an innovative approach to growing, harvesting, sourcing, procuring, processing, manufacturing, or application of biobased products regardless of the date of entry into the marketplace."** Products that were previously considered to be "mature market" products (those that had a significant market share prior to 1972), and were previously ineligible for the BioPreferred program, will now be included in the program if manufacturers demonstrate that they apply an "innovative approach" in any part of the life cycle of their product. With the final rule, USDA is deleting the text previously found in the Guidelines that excluded products that were considered to be mature market products. Specifically, USDA has removed the text previously found in paragraph (c)(2) of the Guidelines.

C. 7 CFR 3201.5—Category Designation

USDA is proposing that reserved paragraph (b)(2) of section 3201.5 now be used to present the criteria for evaluating products that were excluded under the mature markets exclusion.

USDA is proposing that any one or more of four possible criteria must be met to demonstrate that a biobased product uses “innovative approaches.” The first possible criterion would require that the product or material is either used or applied in applications that differ from historical applications or that the product or material is grown, harvested, manufactured, processed, sourced, or applied in other innovative ways.

The second possible criterion would require that the product or material is manufactured or processed using renewable, biomass energy or using technology that is demonstrated to increase energy efficiency or reduce reliance on fossil fuel based energy sources or that the product or material is manufactured or processed with technologies that ensure high feedstock material recovery and use

Definition of FEEDSTOCK from Merriam-Webster:  
raw material supplied to a machine or processing plant

The third possible criterion would require that the product or material has a current Environmental Product Declaration as defined by International Standard ISO 14025, Environmental Labels and Declarations—Type III Environmental Declarations—Principles and Procedures.

The fourth possible criterion would require that the product or material is either:

1. Sourced from a Legal Source (see Note below), a Responsible Source, or a Certified Source as designated by ASTM D7612–10, Standard Practice for Categorizing Wood and Wood-Based Products According to Their Fiber Sources, or
2. 100% resourced or recycled (such as material obtained from building deconstruction), or
3. from an urban environment and is acquired as a result of activities related to a natural disaster, land clearing, right- of-way maintenance, tree health improvement, or public safety.

# U.S. Environmental Protection Agency Comprehensive Procurement Guidelines

- Non-paper Office Products

- Plastic Trash Bags

Also called trash can liners, are widely available with recovered material content including HDPE, LDPE, and LLDPE. The amount of recovered materials used in the manufacturing process is prescribed by the color, size, and thickness of the bag.

- EPA's Recovered Materials Advisory Notice (RMAN) recommends recycled-content levels for purchasing plastic trash bags as shown in the table below.

EPA's Recommended Recovered Materials Content Levels for Plastic Trash Bags <sup>1</sup>						
Product	Material	Postconsumer Content(%)				
Plastic Trash Bags	Plastic	10-100				

# Plastic Trash Bags/Liners With Recycled Content



# POSTCONSUMER VS. RECOVERED MATERIAL

- Postconsumer material means a material or finished product that has served its intended use and has been diverted or recovered from waste destined for disposal, having completed its life as a consumer item. Postconsumer material is a part of the broader category of recovered materials;
- Postconsumer recovered materials, for purposes of purchasing paper and paper products, is a subset of the broader term recovered materials, as defined in RCRA section 6002(h), and means:
  - (1) Paper, paperboard, and fibrous wastes from retail stores, office buildings, homes, and so forth, after they have passed through their end-usage as a consumer item including: used corrugated boxes; old newspapers; old magazines; mixed waste paper; tabulating cards and used cordage; and
  - (2) All paper, paperboard, and fibrous wastes that enter and are collected from municipal solid waste;