# Sayers, Margery

From:

Michael Roth <rothmw1@yahoo.com>

Sent:

Monday, December 9, 2019 5:22 PM

To: Cc: CouncilMail

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tellhoco

Subject:

Reusable Shopping Bags Could Pose a Serious Health Threat

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https://arizona.pure.elsevier.com/en/publications/assessment-of-the-potential-for-cross-contamination-of-food-produ

https://papers.ssrn.com/sol3/papers.cfm?abstract\_id=2196481

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Assessment of the





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Assessment of the potential for cross-contamination of food products by reusable shopping bags

David L. Williams, Charles P Gerba, Sherri Maxwell, Ryan G. Sinclair

Soil, Water and Environmental Science

Research output: Contribution to journal > Article

10 Citations (Scopus)

Q

# **Abstract**

Search..

The purpose of this study was to assess the potential for cross-contamination of food products by reusable bags used to carry groceries. Reusable bags were collected at random from consumers as they entered grocery stores in California and Arizona. In interviews, it was found that reusable bags are seldom if ever washed and often used for multiple purposes. Large numbers of bacteria were found in almost all bags and coliform bacteria in half. Escherichia coli were identified in 8% of the bags, as well as a wide range of enteric bacteria, including several opportunistic pathogens. When meat juices were added to bags and stored in the trunks of cars for two hours, the number of bacteria increased 10-fold, indicating the potential for bacterial growth in the bags. Hand or machine washing was found to reduce the bacteria in bags by > 99.9%. These results indicate that reusable bags, if not properly washed on a regular basis, can play a role in the cross-contamination of foods. It is recommended that the public be educated about the proper care of reusable bags by means of printed instructions on the bags or through public service announcements. Copyright

Original Language English (US)

508-513

NUMBER OF PAGES

JOURNAL Food Protection Trends

VOLUME 31
ISSUE NUMBER 8

STATE Published - Aug 2011

# Fingerprint

Pages (from-to)

C	Food Contamination Cross contamination Sags Foods Bacteria Enterobacteriaceae Meat Hand
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٠	Intestinal microorganisms Automobiles Washing Microbial growth

ASJC Scopus subject areas

Food Science Public Health, Environmental and Occupational Health

Cite this

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Williams, D. L., Gerba, C. P., Maxwell, S., & Sinclair, R. G. (2011). Assessment of the potential for cross-contamination of food products by reusable shopping bags. *Food Protection Trends*, *31*(8), 508-513.

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# Grocery Bag Bans and Foodborne Illness

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U of Penn, Inst for Law & Econ Research Paper No. 13-2

24 Pages

Posted: 4 Jan 2013 Last revised: 28 Jan 2013

Jonathan Klick (https://papers.ssrn.com/sol3/cf\_dev/AbsByAuth.cfm?per\_id=289102)
University of Pennsylvania Law School; Erasmus School of Law; PERC - Property and Environment Research Center

Joshua D. Wright (https://papers.ssrn.com/sol3/cf\_dev/AbsByAuth.cfm?per\_id=466576)
George Mason University - Antonin Scalia Law School, Faculty

Date Written: November 2, 2012

#### <u>Abstract</u>

Recently, many jurisdictions have implemented bans or imposed taxes upon plastic grocery bags on environmental grounds. San Francisco County was the first major US jurisdiction to enact such a regulation, implementing a ban in 2007. There is evidence, however, that reusable grocery bags, a common substitute for plastic bags, contain potentially harmful bacteria. We examine emergency room admissions related to these bacteria in the wake of the San Francisco ban. We find that ER visits spiked when the ban went into effect. Relative to other counties, ER admissions increase by at least one fourth, and deaths exhibit a similar increase.

Keywords: plastic, environment, pollution, e-coli

JEL Classification: 118, K32

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#### 23 References

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Replacement Costs of Birds and Animals

Posted: 1992

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Robust Inference with Multiway Clustering

Journal of Business and Economic Statistics, volume 29, Issue 2, p. 238 - 249

Posted: 2011

Crossref (https://doi.org/10.1198/jbes.2010.07136)

3. Johnson Chou, Rahul Garg

University of British Columbia: SEEDS Student Reports

Posted: 2010-04

12/26/2019

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# Sayers, Margery

From:

Michael Roth <rothmw1@yahoo.com>

Sent:

Friday, December 6, 2019 8:11 PM

To:

CouncilMail

Subject:

Better Alternative to Plastic Bag Fee

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https://www.amazon.com/BioRift-Friendly-Biodegradable-Certified-Shopping/dp/B07VGKRK22/ref=sr 1 10?crid=23RYZVXI8X575&keywords=plastic+grocery+bags+with+handles&qid=157 5595236&sprefix=Plastic+gr%2Caps%2C174&sr=8-10

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Try Prime

All 🕶 plastic grocery bags with handles

EN Hello, Margery

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Cart

Deliver to Margery Ellicott ... 21042

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Material Handling Ma

Materials Metalworking

Industrial & Scientific > Retail Store Fixtures & Equipment > Retail Bags & Boxes > Shopping & Merchandise Bags

















Roll over image to zoom in

BioRift Eco Friendly T-Shirt Grocery Bags | 100% Biodegradable | Certified ASTM D5511 Thank You Shopping Bags with Handles | Extra Thick 0.61 Mils, Food Scraps, Shopping - 500 Count by BioRift

20 ratings

Price: \$35,99 & FREE Shipping. Details & FREE Returns

- ✓ 100% BIODEGRADABLE- Biodegrades fully within 4 years!
   No need to compost just throw this bag in your regular trash can or recycle bin! BIORIFT is setting a new standard.
   Unlike most products claiming to be biodegradable, BIORIFT has been scientifically tested for ASTM D5511. This means our products are Biodegradable under standard landfill conditions the most common waste disposal method! This bag has shown to biodegrade 47.9% in 361 days!
- SAVING ANIMALS FROM PLASTIC WASTE Start the biodegradable trend to help save wildlife from plastic waste. Plastic has damaged animals for quite sometime and now is the time to put a stop to it. We launched these biodegradable bags as the first step to help mitigate wildlife suffering from plastic waste. Be apart of the trend! Saving our world, one bag at a time.
- 6 500 DURABLE T-SHIRT GROCERY BAGS 12 inches width, 6 ½ inches gusset width, and 22 inches height of these blodegradable bags with targeted shelf life ensure that you carry all the stuff you want to with ease and without worrying about the space you have available. Avoid excessive heat, store Compostable Bags in a cool, dry place and used within two year of purchase.
- SAVING OUR WORLD, ONE BAG AT A TIME BioRift is
  proudly made right here in Southern USA, so you know you
  are buying right from the source! Thanks to the HDPE
  material used to manufacture it, you can be sure of doing a
  bit towards protecting the environment as these
  biodegradable t-shirt bags break down or decompose a lot
  faster than traditional plastic bags used for hot and cold
  items.
- • 100% SATISFACTION GUARANTEE- Not happy with your purchase? Please let us know and we will gladly refund your purchase, BIORIFT aims to provide complete satisfaction for all customers.

# Specifications for this item

Part Number BioRFT

Brand Name BioRift

Color White

Size 12" Width x 22" Height

Specification Met

UNSPSC Code 24121500

\$35.99

& FREE Shipping. Details

& FREE Returns

Arrives: Jan 3 - 6

Fastest delivery: Tomorrow
Order within 5 hrs 1 min

Deliver to Margery - Ellicott City 21042

In Stock.

Qty: 1

Add to Cart

**Buy Now** 

**Sold by** Separated Trends **and** Fulfilled by Amazon.

Item arrives in packaging that reveals what's inside. To hide it, choose Ship in Amazon packaging at checkout.

prime

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Designer retail bags for your small business

Merchandise Bags 9x12 - Gold Roses Print - 100 Pack - Glossy Retail Bags - ...

53

\$23.99 /prime

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Ad feedback

# Frequently bought together



# Total price: \$67.40

Add both to Cart

Add both to List

One of these items ships sooner than the other. Show details

- 🗷 This item: BioRift Eco Friendly T-Shirt Grocery Bags | 100% Biodegradable | Certified ASTM D5511 Thank You... \$35.99
- 🗷 Biodegradable Plastic T-Shirt Thank You Bags 500/Case Save Money Buy Bulk \$31.41

# Sponsored products related to this item



[100 Pack] 1/6 Size Blodegradable Reusable Plastic T-Shirt Bag Eco Friendly Compost...

\$13.95



Reli. Thank You T-Shirt Bags (350 Count), Plastic -Bulk Shopping Bags, Restaurant ...

\$14.99



Expoprime Thank You Premium Plastic Bags for Grocery and shopping -1/6 barrel T-sh...

\$14.25



Thank You Bags pk. of 1000-11 1/2" x 6" x 21" -Thickness .48mil HDPE-Standard Super... 255

\$25,50



Kingrol 500 Count Thank You Bags 1/6 BBL Plastic T-Shirt Bags, Thank You Grocery Ba...

\$21,99

Ad feedback

# What other items do customers buy after viewing this item?



Biodegradable Plastic T-Shirt Thank You Bags - 500/Case - Save Money Buy Bulk

27

\$31.41



[100 Pack] 1/6 Size Biodegradable Reusable Plastic T-Shirt Bag Eco Friendly Compostable

53

\$13.95



100 Compostable Blodegradable Shopping Bags - T-Shirt Style Carry Bags for Trash Or Grocery

\$28,99



Member's Mark T-Shirt Carry-Out Bags (1,000 ct.)

171

# **Product description**

### | BioRift Biodegradables |

\*\* Saving Our World, One Bag At A Time \*\*

BIORift Biodegradables are the future of Grocery bags because they are biodegradable & recyclable, Created from biodegradable additives that completely degrade under landfill conditions! These bags help to keep parks and landfills plastic-free.

vdly T-Shirt Grocery Bags | 100% Biodegradable | Cr

#### A Truly "Green" Solution:

- · BioRift's biodegradable T-Shirt bags contain a blend of mixtures that not only makes it biodegradable under landfill conditions but also makes it recyclable.
- Biodegradable in Landfills

#### Do You Have Any Validations That Prove its Biodegradable?

Yes! Our D5511 Validation is backed by science with validations to signify biodegradability under standard landfill conditions - the most common waste disposal method on Earth.

#### Tell Me Morel

BioRift's biodegradable T-Shirt bags contains a blend of mixtures that not only makes it biodegradable under landfill conditions, but also makes it recyclable.

With so much competing information available, it's easy to understand how confusing and controversy exists around "green" initiatives and biodegradable plastics. However, once you separate the fact from fiction, the answer becomes clear -- BIORIFT biodegradable solutions are one of the best ways to reduce pollution and help save our environment. While others may claim to offer comparable nature-friendly products, the reality is that most fall short. Many of these so-called "green" solutions offer little or no scientific evidence to prove their reliability. Others have stipulations as to how or where their products work best usually not in the "real world" landfills that modern society depends on. BIORIFT is different. We create biodegradable plastic products that work for the way we live.

#### **Product details**

Shipping Weight: 7.9 pounds (View shipping rates and policies)

Shipping Advisory: This item must be shipped separately from other items in your order. Additional shipping charges will not apply.

ASIN: B07VGKRK22

**Average Customer Review:** 

18 customer reviews

Amazon Best Sellers Rank: #8,073 in Industrial & Scientific (See Top 100 in Industrial & Scientific)

#30 in Shopping & Merchandise Bags

Product Warranty: For warranty information about this product, please click here

Would you like to tell us about a lower price?

# Sponsored products related to this item



Thank You Bags pk. of 1000-11 1/2" x 6" x 21" -Thickness, 48mil HDPE-Standard Super...

255

\$25.50



Thank You Shopping Bags, 0.55 Mil, HDPE, 22-Inch Height, 11,5... \$55.09



YookeeHome 14" x 18" Large Merchandise Bags with Handles with Bottom Gusset, Pink a... 75

\$25,99



100 Compostable Biodegradable Shopping Bags - T-Shirt Style Carry Bags for Trash Or... \$17.99



200 Compostable Produce Bags Food Storage - 8 Inches by 13 Inches -Certified Bloba...

\$23.00

Ad feedback

#### Ad feedback

# **Customer Questions & Answers**

See questions and answers

# **Customer reviews**

4.9 out of 5

# 20 customer ratings

5 star	:	92%
4 star		8%
3 star		0%
2 star	•	0%
1 star	,	0%

## **Customer images**









See all customer images

Top Reviews

mike m.

# Environmentally friendly with no compromise

Reviewed in the United States on November 14, 2019

Verified Purchase Early Reviewer Rewards (What's this?)

I got these for grocery shopping (2 time use) and then the 3rd time for garbage disposal. They are slightly larger than the average bag, and much sturdier.

Sure, they cost a bit more, but guilt free use of disposable bags that decompose 7X faster makes them desirable, IME.

I also like to support small businesses that have a tough time competing with big corporations on

One person found this helpful

Helpful

Comment Report abuse

Ad feedback

H2ologist

#### Sturdy bags

Reviewed In the United States on December 4, 2019

Verified Purchase

My parents needed new bags for their shop so I started looking for more eco-friendly bags. These are thicker than the popular big box store bags so packing them full of products won't cause them to rip to shreds. The bags say they will decompose in 361 days in a standard landfill environment. They are a good price for 500 bags and I will be ordering again.

Helpful

Comment

Report abuse

Laura

#### So sturdy

Reviewed in the United States on September 26, 2019

Verified Purchase

I do estate sales on the weekends and I have been using these bags. They are sturdy, as they are able to hold heavy items without being double-bagged or ripping. The fact that they are environmentally friendly are a huge bonus. Nicely packaged. Was surprised to get 500 bags for such a decent price.

Helpful

Comment

Report abuse

Narut Ulnat VINE VOICE

#### These are nice bags.

Reviewed in the United States on December 15, 2019

Verified Purchase

For t-shirt bags, which we find useful for using as trash bags, we had concerns about the bags we were using were not vert eco-friendly.

These bags come in a box of 500. The bags are thicker than I expected which is great. Overall: There are nice bags and a good deal.

Helpful

Comment

Report abuse

Jennifer Doogan

# Way better than I expected

Reviewed in the United States on October 30, 2019

Verified Purchase

I got these for our mini-trash can, wanted to see If they were actually strong. My Wife threw out old shoes, cat litter, and old books – no rips or leaks. These bags are practically bettr than our trash bags. I can see why the price Is a bit high, but you get so many quality bags with 1 purchase. I've been wanting to use something like this for a long time, and I'm sorry I didn't think to look for a product like this sooner. I couldn't be happier with Biorift. My wife & I are always looking for more environmentally conscientious ways to do things, and these bags fit right into that concept.

Helpful

Comment

Report abuse

Ross Fruhbeis

## Very durable and eco-friendly

Reviewed in the United States on September 30, 2019

Verified Purchase

These bags are amazing. Never feel bad about using a plastic bags again. These are environmental friendly and are extremely durable. I used these bags to help me move small items when I moved. I

also use these bags to pick up after my dog  $g_{0es}$  to the bathroom. I have also brought these bags to my local super market to be used instead of their plastic bags. 5/5

Helpful

Comment

Report abuse

Amanda

#### Pleasantly surprised with these!!

Reviewed in the United States on November 25, 2019

Verified Purchase Early Reviewer Rewards (What's this?)

I bought these bags for a vendor event we took part in recently. Our business is centered around ecofriendly products, so it was great to have shopping bags that fit this same purpose. I've tried several recycled plastic bags in the past, and they all seem to tear/rip very easily, so I was skeptical when ordering these. I was very surprised when I "tested" them though!! They are equal in strength to a standard Wal-Mart type grocery bag, maybe even a bit more sturdy! I will definitely be ordering again.

Helpful

Comment

Report abuse

Gabriela Fischer

#### LOVE THEM!!!

Reviewed in the United States on October 29, 2019 Verified Purchase Early Reviewer Rewards (What's this?)

Love the quality of the bags. Definitely recommend them and I'll be buying them again.

Helpful

Comment

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See all reviews from the United States

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Fashion Shopping Bag Large Reusable Grocery Bags

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Start A Healthier Greener Life With Newkoin

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dly T-Shirt Grocery Bags | 100% Biodegradable | Cc

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Help

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