



Independent coverage of composting, wood recycling and organics management



Composting News

July 2024

McIntee Media
Market Intelligence

Volume 33 Number 5

Beyond Plastics calls for 'Green Guide' update for compostable plastics

The Federal Trade Commission (FTC) should update and expand its “Green Guide” to reduce “greenwashing” by “biodegradable” and “compostable” plastics vendors, Beyond Plastics, Bennington, Vermont, said in a new report. FTC’s Green Guides are designed to help marketers avoid making environmental claims that mislead consumers.

Beyond Plastics, releasing its report, “Demystifying Compostable and Biodegradable Plastic,” said a lack of federal standards defining and regulating bioplastics not only encourages greenwashing, but also creates significant waste management challenges. The organization said the report “reveals challenges of

(See Plastics, page 13)



Denali, Walmart collaborate on food depackaging

Denali Water Solutions, of Russellville, Arkansas, and Walmart, of Bentonville, Arkansas, announced a collaboration to roll out innovative depackaging services to help improve the food waste recycling process at more than 1,000 Walmart and Sam's Club locations nationwide.

Denali said the innovative technology aims to help drive operational efficiencies for Walmart enterprise associates. Based on early testing the process has increased the volume of potentially reusable organic content recovered from participating Walmart and Sam's Club locations by more than 60% and reduced their compactor trash by an estimated 12%, Denali said.

As of July 29, the program has launched in more than 1,400 Walmart and Sam's Club locations in more than 16 markets across the country, including Houston, Dallas, Philadelphia, Washington D.C., Indianapolis, Phoenix and cities across New Hampshire,



Photo: Denali

(See Denali, page 8)

USDA seeks compost project proposals

The U.S. Department of Agriculture (USDA) is accepting applications for composting and food waste reduction (CFWR) pilot projects for fiscal year 2024. Part of USDA's broader efforts to support urban agriculture, selected projects will develop and test strategies for planning and implementing municipal compost plans and food waste reduction plans that:

- generate compost;
- increase access to compost for agricultural producers;

- reduce reliance on and limit the use of fertilizer;
- improve soil quality;
- encourage waste management and

(See USDA, page 7)

Highlights

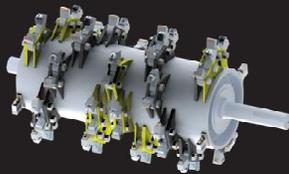
- Food waste collector partners on hard-to-recycle items
- National compost prices

Visit Composting News online at www.compostingnews.com

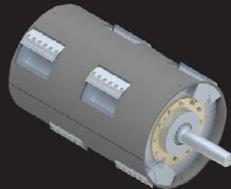


CUT IT, CHIP IT, HAMMER IT, OR SHRED IT

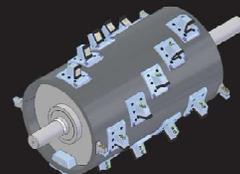
with a Bandit horizontal grinder or slow speed shredder



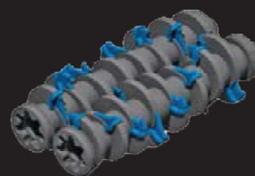
Cuttermill



Chipper Drum



Hammermill (Model HM6420)



Concrete Shaft



Paddle Shaft

Which method is best suited for your application?
Contact a Bandit sales specialist or visit www.banditchippers.com today for more details.

Company news

Food waste collector partners on hard-to-recycle items

CompostNow, of Atlanta said it is partnering with a local non-profit to help provide a pickup service for hard-to-recycle items. Compost Now said it is now working with Live Thrive's Centers for Hard to Recycle Materials (CHaRMs) to provide a convenient way for homes and businesses to keep hard-to-recycle materials out of landfills, directly from their doorstep.

"We've been listening closely to our members' request for an easy solution to divert their hard-to-recycle items from the landfill and we believe this program

will further support community members in their resource recovery and diversion efforts," said Kat Nigro, COO at CompostNow. "Partnering with Live Thrive, a cornerstone in our community with years of dedicated service, also allows us to amplify the valuable contributions they've made in making our communities more sustainable."

The service accepts 14 streams of materials that are not collected in most local recycling programs, such as plastic film, styrofoam and small electronics.

For subscribers to CompostNow's home composting services, hard-to-recycle items are collected alongside their compost bin. Those without a compost service subscription can schedule a one-time pick-up through CompostNow. The collected items are sent to Live Thrive's CHaRM Atlanta, where they are prepared to be refurbished, re-engineered or recycled through local partners.

"Our long-standing partnership with

(See Collection, page 5)



McEntee Media Corp.
9815 Hazelwood Avenue
Cleveland, OH 44149-2305
Phone: 440.238.6603
Fax: 440.238.6712
compostingnews.com

Facebook: CompostingNews
Twitter: CompostingNews

Publisher/Editor:

Ken McEntee
ken@compostingnews.com

Copyright 2024 McEntee Media Corp. All rights reserved. Reproduction or transmission of Composting News, in whole in part, without written permission of publisher, is prohibited. Composting News (ISSN 1064-1440) is published 12 times a year. Subscription price is \$83 per year; \$90 (U.S. funds) in Canada and Mexico; \$105 (U.S. funds) Overseas airmail. Single-issue: \$12.

GRINDER CRUSHER SCREEN

WHERE'S THE CARBIDE?

- DEEP BOLT HOLES
- BUILT-UP CORNERS
- 2X THE LIFE & 2X THE CARBIDE COMPARED TO THE COMPETITION

WE GOT YOUR CARBIDE!

NEW EQUIPMENT

USED EQUIPMENT

LIST YOUR EQUIPMENT FOR FREE!

GRINDERCRUSHERSCREEN.COM

770-433-2670 EAST
971-344-0001 WEST



Never worry about getting your product again.



Regionally supporting our customers
with facilities throughout the United States

- Reduced delivery time and cost
- Reduced finished-goods inventory which means fresher products coming to your facility
- Increased manufacturing capacity
- Multiple shipping locations means a catastrophe at any location will not impact delivery to your location



Explore our products at
chromascape.com

CHR:MASCAPE

service@chromascape.com • 888.421.0010



Company news

Collection

From page 3

CompostNow made this new collaboration a perfect fit,” said Peggy Whitlow Ratcliffe, executive director, Live Thrive. “Now, recycling and composting will be easier than ever. And we know that when we make caring for the environment convenient, more people will participate and everyone wins.”

CompostNow offers services related to hauling, logistics, consultation, production and distribution of compost.

Live Thrive works with Atlanta-based corporations to develop educational and recycling programs for employees. Live Thrive’s CHaRMs encourage reuse while diverting thousands of tons of household hazardous waste and other hard-to-recycle items from local homes, water supplies and landfills.

Experiences across Ontario. These zero-waste events celebrate Ontario's rich culinary landscape while promoting sustainability and responsible waste management, aligning with Busch Systems' commitment to environmental stewardship, the company said.

Held at various venues across Ontario, the events are a celebration of locally sourced, ethically farmed ingredients.

As part of the partnership, Busch is providing state-of-the-art recycling and compost containers at each event.

The containers are designed to facilitate proper waste diversion, ensuring that the events minimize their environmental footprint.

“Busch Systems’ support allows us to enhance the sustainability of our events, a commitment we’ve made in alignment with the UN sustainable development goals,” said Rebecca Mackenzie, president and CEO of the Culinary Tourism Alliance.

Busch partners with tourism alliance

Busch Systems, a Barrie, Ontario-based manufacturer of waste, recycling and compost containers, announced a partnership with the Culinary Tourism Alliance in support of its Feast On Signature



Bulk Mulch / Compost Loading System

For Customer Self-Loading of:

Compost • Mulch • Soil Products

Additional Equipment & Systems Customized to Your Specifications:

Bagging, Palletizing & Soil Blending Systems
Flow Feeders, Hammermills, Disc Separators & Conveyors

For more information, visit www.amadas.com or call 757-539-0231

National Compost Prices

The prices listed below are intended to indicate the value of mature compost products sold by compost producers and retailers in noted regions. Prices listed are based on surveys and publicly posted prices. Your input on published prices is encouraged. Contact Ken McEntee, editor, at (440) 238-6603. Fax: (440) 238-6712. EMail: ken@compostingnews.com.

Address: 9815 Hazelwood Avenue, Cleveland, OH 44149. Notes on listings.

• Each listing includes a high price obtained, a low price obtained and an average of all prices obtained within a particular market.

• Market areas: Thirteen market areas have been targeted to provide a cross section of compost product markets in the U.S. Where regions are not identified by a specific city, "Chesapeake" refers to the region stretching between Norfolk, Va. to Baltimore, Md. "Texas" incorporates several major cities in the state. "Northwest" represents the Seattle and Portland, Ore areas. "SF-Bay" refers to the San Francisco Bay area. SoCal is Southern California, including the Los Angeles and San Diego areas. Denver includes Colorado, Wyoming and Montana. • "Food waste" compost: This category refers to compost products that include food waste, regional

specialities and other feedstocks not specifically covered in other categories. • Manures: Chicken manures may include other poultry manures, such as turkey and duck manure. Cow manures may include manures marketed as steer and dairy manure. Horse manure is included in this category as well. • Absence of a regional listing within a given category indicates not enough information for a valid listing. Additional data will be added as more information is obtained. • Bulk retail prices do not include municipal operations that give compost away for free.

Bulk Retail (yard)

Yard waste compost	Average	High	Low
NE	\$ 32.55	\$ 77.00	\$ 17.50
Chesapeake	\$ 24.50	\$ 30.00	\$ 17.00
SE	\$ 21.88	\$ 29.95	\$ 16.00
Florida	\$ 16.42	\$ 26.00	\$ 10.50
Cleveland	\$ 19.90	\$ 28.00	\$ 12.50
Iowa	\$ 21.57	\$ 53.00	\$ 7.50
Minneapolis	\$ 17.09	\$ 28.00	\$ 8.00
Texas	\$ 29.71	\$ 40.00	\$ 15.00
Denver	\$ 20.31	\$ 31.00	\$ 12.00
Northwest	\$ 24.05	\$ 55.00	\$ 10.00
SF-Bay	\$ 21.92	\$ 30.00	\$ 10.00
SoCal	\$ 14.75	\$ 24.00	\$ 8.00

Food waste compost	Average	High	Low
NE	\$ 39.12	\$ 64.00	\$ 17.50
Chesapeake	\$ 23.00	\$ 30.00	\$ 15.00
SE	\$ 28.11	\$ 35.00	\$ 24.00
Florida	\$ 17.50	\$ 22.00	\$ 13.00
Iowa	\$ 25.00	\$ 65.00	\$ 15.00
Minneapolis	\$ 12.33	\$ 16.00	\$ 9.00
Texas	\$ 30.21	\$ 48.95	\$ 15.00
Denver	\$ 15.00	\$ 15.00	\$ 15.00
Northwest	\$ 20.55	\$ 30.00	\$ 15.00
SF-Bay	\$ 23.61	\$ 38.00	\$ 14.00
SoCal	\$ 30.50	\$ 45.00	\$ 16.00

Leaf humus	Average	High	Low
NE	\$ 24.98	\$ 30.00	\$ 19.95
Chesapeake	\$ 27.49	\$ 30.00	\$ 23.95
Cleveland	\$ 19.27	\$ 26.00	\$ 8.00

Composted biosolids	Average	High	Low
NE	\$ 30.00	\$ 40.00	\$ 20.00
Chesapeake	\$ 24.98	\$ 35.00	\$ 12.00
SE	\$ 12.14	\$ 28.00	\$ 4.00
Florida	\$ 13.14	\$ 22.00	\$ 8.00
Cleveland	\$ 24.77	\$ 30.00	\$ 19.50
Iowa	\$ 12.67	\$ 21.00	\$ 8.00
Texas	\$ 21.28	\$ 30.00	\$ 10.00
Denver	\$ 9.00	\$ 10.00	\$ 7.00
Northwest	\$ 17.91	\$ 26.00	\$ 7.00
SoCal	\$ 13.36	\$ 22.00	\$ 3.50

Composted chicken manure	Average	High	Low
NE	\$ 45.00	\$ 50.00	\$ 40.00
Chesapeake	\$ 25.00	\$ 25.00	\$ 25.00
SE	\$ 42.00	\$ 42.00	\$ 42.00
Minneapolis	\$ 17.00	\$ 17.00	\$ 17.00
Texas	\$ 37.23	\$ 47.50	\$ 26.95
Denver	\$ 25.65	\$ 28.00	\$ 24.00
SF-Bay	\$ 16.00	\$ 16.00	\$ 16.00
SoCal	\$ 44.00	\$ 75.00	\$ 27.00

Composted cow manure	Average	High	Low
NE	\$ 45.50	\$ 46.00	\$ 45.00
SE	\$ 31.33	\$ 45.00	\$ 12.00
Cleveland	\$ 24.00	\$ 24.00	\$ 24.00
Iowa	\$ 42.00	\$ 60.00	\$ 16.00
Minneapolis	\$ 29.33	\$ 32.00	\$ 26.00
Texas	\$ 29.33	\$ 47.50	\$ 15.00
Denver	\$ 21.71	\$ 30.00	\$ 12.00
Phoenix	\$ 20.00	\$ 20.00	\$ 20.00
Northwest	\$ 23.85	\$ 33.75	\$ 17.45
SF-Bay	\$ 26.00	\$ 26.00	\$ 26.00
SoCal	\$ 17.25	\$ 24.00	\$ 12.00

Wood waste mulch	Average	High	Low
NE	\$ 21.35	\$ 38.00	\$ 12.50
Chesapeake	\$ 21.13	\$ 28.00	\$ 12.00
SE	\$ 18.78	\$ 34.95	\$ 12.00
Florida	\$ 17.50	\$ 18.00	\$ 17.00
Cleveland	\$ 25.56	\$ 36.25	\$ 14.00
Iowa	\$ 32.50	\$ 40.00	\$ 25.00
Minneapolis	\$ 26.00	\$ 35.00	\$ 20.00
Texas	\$ 16.19	\$ 27.00	\$ 9.00
Denver	\$ 18.74	\$ 25.00	\$ 12.48
Phoenix	\$ 17.61	\$ 22.95	\$ 10.00
Northwest	\$ 19.00	\$ 35.00	\$ 7.50
SF-Bay	\$ 18.14	\$ 30.00	\$ 8.00
SoCal	\$ 20.50	\$ 50.00	\$ 6.00

Colored wood mulch	Average	High	Low
NE	\$ 28.00	\$ 28.00	\$ 28.00
Chesapeake	\$ 28.67	\$ 33.00	\$ 25.00
SE	\$ 27.13	\$ 42.00	\$ 15.00
Florida	\$ 20.33	\$ 22.00	\$ 19.00
Cleveland	\$ 24.87	\$ 28.99	\$ 21.95
Iowa	\$ 30.00	\$ 30.00	\$ 30.00
Minneapolis	\$ 36.80	\$ 49.00	\$ 30.00
Texas	\$ 26.08	\$ 32.50	\$ 18.00
Denver	\$ 33.28	\$ 33.28	\$ 33.28
Northwest	\$ 35.00	\$ 35.00	\$ 35.00
SF-Bay	\$ 34.00	\$ 36.00	\$ 28.00
SoCal	\$ 32.50	\$ 35.00	\$ 30.00

Bulk wholesale (yard)

Yard waste compost	Average	High	Low
NE	\$ 21.50	\$ 48.00	\$ 11.00
Chesapeake	\$ 13.39	\$ 16.00	\$ 8.00
SE	\$ 16.66	\$ 25.00	\$ 8.65
Florida	\$ 9.75	\$ 13.00	\$ 8.00
Cleveland	\$ 12.50	\$ 15.00	\$ 10.00
Iowa	\$ 14.00	\$ 19.00	\$ 8.00
Minneapolis	\$ 12.00	\$ 17.00	\$ 7.00
Texas	\$ 17.25	\$ 24.00	\$ 9.00
Denver	\$ 13.05	\$ 14.10	\$ 12.00
Northwest	\$ 14.79	\$ 35.00	\$ 7.50
SF-Bay	\$ 13.71	\$ 22.00	\$ 7.00
SoCal	\$ 7.33	\$ 10.00	\$ 6.00

Food waste compost	Average	High	Low
NE	\$ 25.79	\$ 48.00	\$ 11.00
Chesapeake	\$ 10.50	\$ 15.00	\$ 8.00
SE	\$ 20.65	\$ 30.00	\$ 15.00
Florida	\$ 10.50	\$ 13.00	\$ 8.00
Iowa	\$ 13.40	\$ 20.00	\$ 10.00
Minneapolis	\$ 12.00	\$ 12.00	\$ 12.00
Texas	\$ 17.50	\$ 24.00	\$ 8.50
Denver	\$ 11.33	\$ 15.00	\$ 7.00
Northwest	\$ 17.25	\$ 20.00	\$ 15.00
SF-Bay	\$ 12.67	\$ 26.00	\$ 5.00

Composted biosolids	Average	High	Low
NE	\$ 15.33	\$ 20.00	\$ 10.00
Chesapeake	\$ 9.31	\$ 15.00	\$ 5.00
SE	\$ 10.93	\$ 15.00	\$ 5.00
Florida	\$ 10.50	\$ 13.00	\$ 8.00
Texas	\$ 15.99	\$ 20.00	\$ 9.00
Denver	\$ 13.00	\$ 13.00	\$ 13.00
Northwest	\$ 16.75	\$ 21.00	\$ 12.00
SoCal	\$ 10.50	\$ 17.00	\$ 3.00

Composted cow manure	Average	High	Low
NE	\$ 36.00	\$ 36.00	\$ 36.00
SE	\$ 21.38	\$ 31.50	\$ 7.00
Iowa	\$ 35.00	\$ 35.00	\$ 35.00
Texas	\$ 25.00	\$ 25.00	\$ 25.00
Denver	\$ 12.05	\$ 14.10	\$ 10.00
Northwest	\$ 22.00	\$ 22.00	\$ 22.00
SF-Bay	\$ 34.25	\$ 34.50	\$ 34.00
SoCal	\$ 5.00	\$ 6.00	\$ 4.00

Wood waste mulch	Average	High	Low
NE	\$ 15.75	\$ 33.00	\$ 8.00
Chesapeake	\$ 15.80	\$ 17.00	\$ 13.00
SE	\$ 14.60	\$ 24.95	\$ 5.00
Florida	\$ 14.00	\$ 15.00	\$ 13.00
Iowa	\$ 30.00	\$ 40.00	\$ 20.00
Minneapolis	\$ 18.50	\$ 20.00	\$ 17.00
Texas	\$ 10.83	\$ 14.00	\$ 8.00
Denver	\$ 7.66	\$ 8.32	\$ 7.00
Northwest	\$ 15.00	\$ 15.00	\$ 15.00
SF-Bay	\$ 12.33	\$ 14.00	\$ 9.00
SoCal	\$ 9.25	\$ 15.00	\$ 5.00

Colored wood mulch	Average	High	Low
NE	\$ 22.00	\$ 22.00	\$ 22.00
Chesapeake	\$ 20.50	\$ 22.00	\$ 19.00
SE	\$ 19.00	\$ 25.00	\$ 15.00
Florida	\$ 16.00	\$ 16.00	\$ 16.00
Iowa	\$ 25.00	\$ 25.00	\$ 25.00
Minneapolis	\$ 27.00	\$ 35.00	\$ 19.00
Texas	\$ 20.67	\$ 24.00	\$ 18.00
Denver	\$ 17.66	\$ 21.32	\$ 14.00
Northwest	\$ 22.00	\$ 22.00	\$ 22.00
SF-Bay	\$ 21.00	\$ 22.00	\$ 19.00
SoCal	\$ 22.50	\$ 25.00	\$ 20.00

Bag Retail

Compost (40# bag)	Average	High	Low
NE	\$ 6.87	\$ 8.00	\$ 4.50
Chesapeake	\$ 3.73	\$ 5.49	\$ 2.15
SE	\$ 4.00	\$ 4.00	\$ 4.00
Iowa	\$ 1.99	\$ 1.99	\$ 1.99
Cleveland	\$ 2.45	\$ 2.99	\$ 2.10
Iowa	\$ 3.12	\$ 7.99	\$ 1.50
Texas	\$ 4.25	\$ 6.99	\$ 1.99
Denver	\$ 3.59	\$ 4.75	\$ 1.73
Phoenix	\$ 4.71	\$ 5.99	\$ 2.77
Northwest	\$ 4.29	\$ 5.99	\$ 2.99
SoCal	\$ 5.39	\$ 6.25	\$ 3.90

Composted cow manure (40# bag)	Average	High	Low
NE	\$ 6.53	\$ 9.87	\$ 3.85
Chesapeake	\$ 5.97	\$ 7.95	\$ 3.99
SE	\$ 5.16	\$ 6.97	\$ 3.34
Florida	\$ 1.98	\$ 1.99	\$ 1.97
Cleveland	\$ 3.27	\$ 3.99	\$ 2.49
Iowa	\$ 2.18	\$ 2.49	\$ 1.75
Minneapolis	\$ 3.70	\$ 7.00	\$ 1.99
Texas	\$ 4.59	\$ 6.99	\$ 1.99
Phoenix	\$ 2.99	\$ 3.99	\$ 2.49
Northwest	\$ 3.99	\$ 3.99	\$ 3.99
SF-Bay	\$ 7.00	\$ 7.00	\$ 7.00

Grants

USDA

From page 1

permaculture business development;

- increase rainwater absorption;
- reduce municipal food waste;
- divert food waste from landfills.

The cooperative agreements, using remaining funds from the American Rescue Plan Act, are jointly administered by USDA's Office of Urban Agriculture and Innovative Production (OUAIP) and the National Institute of Food and Agriculture. Led by USDA's Natural Resources Conservation Service, OUAIP will accept applications on Grants.gov until 11:59 p.m. Projects must be two years in duration with an estimated start date of June 1, 2025.

"Uneaten food makes up approximately 4 percent of U.S. greenhouse gas emissions," said Terry Cosby, chief of NRCS, which houses

OUAIP. "Turning food waste into valuable compost is an important climate solution and benefits both farmers and communities. Local strategies and tools like the cooperative agreements are important climate solutions and also contribute to food security at the community level, and we encourage communities to apply."?

OUAIP said it will prioritize projects that:

- anticipate or demonstrate economic benefits;
- incorporate plans to make compost easily accessible to farmers, including community gardeners;
- integrate other food waste strategies, including food recovery efforts; and
- collaborate with multiple partners.

This is the fifth year that OUAIP has offered the funding opportunity. In 2023, USDA awarded \$11.5 million in 38 cooperative agreements.

You can find out more at usda.gov/urban.

Food scraps

National strategy, AI highlight food waste summit

The announcement of a national strategy for reducing food loss and the use of artificial intelligence (AI) were among the topics discussed at the 2024 ReFED Food Waste Solutions Summit, which was held June 11-13, in Baltimore, Chicago-based ReFED reported.

"Progress is happening and collaboration is accelerating it," ReFED said.

The organization said the launch of the National Strategy for Reducing Food

(See Summit, page 8)



GREATER THROUGHPUT

ROTO-MIX compost mixers thoroughly and consistently incorporate a wide range of ingredients for improved air distribution and faster decomposition.



SCAN TO LEARN MORE OR VISIT ROTOMIX.COM (620) 225-1142



BATTLE READY...WEAR RESISTANT...BEST VALUE...

ARMORHOG®

Extreme Duty Grinder Parts

Quality Screens, Tips, Belts, & Many Other Parts for Your Rigid Hammer Style Tub or Horizontal Grinder, & Other Hammermill Applications.

ARMORHOG® uses NITROGRIT™, a proprietary blend of carbide found to best suit grinding applications.

Rotor Repair/Replacement & Digital Electronic Hammermill Balancing is available for All Brands.

ARMORHOG® now offers Grinder Insert-Tips for A.R.E. Challenger Grinders & other similar style machines.

CUSTOM SCREENS!

Grinder Repair & Service for ALL BRANDS & Models of Grinders Including Bandit, CBI, Diamond Z, Morbark, Peterson, Vermeer, & More!

800.743.3491 sales@armorhog.com

ARMORHOG.COM



Food scraps

Summit

From page 7

Loss and Waste and Recycling Organics, the first policy plan of its kind for the U.S., is “one of the biggest examples of progress” made in food management over the past year. The program was announced by Thomas Vilsack, secretary of the U.S. Department of Agriculture (USDA). In his announcement, Vilsack emphasized the importance of collaboration, saying that food waste is “an issue that ought to bring all of us together.”

The plan contains strategies that are to be carried out by multiple federal agencies in collaboration with other partners.

ReFED’s Dana Gunders said the plan is “a good first step,” and while more attention and funding still needs to be committed, most of the attendees agreed that the release of the plan is a huge milestone for not only the food waste movement in the U.S., but—with the addition of the U.S. Agency for International Development (USAID) to the existing federal interagency collaboration on food waste between EPA, the Food and Drug Administration and USDA, Gunders said.

The use of AI and its potential impact on the fight against food waste was another topic addressed at the summit.

“Like many sectors, ours is one that is eager to learn how AI might be harnessed to help reduce food waste throughout the food supply chain,” ReFED said. “A mainstage chat between ReFED’s Asch Harwood and The Spoon’s Michael Wolf discussed the importance of collecting data more efficiently and effectively to build more robust models to help with forecasting, demand planning and

pricing—work that’s been taking off in the retail sector. And yet while progress is already being made, the future of AI and food waste is still in its infancy, priming next year to show even more progress and collaboration.

Denali

From page 1

Rhode Island, Massachusetts and Connecticut. The rollout is scheduled to continue nationwide into 2025.

Denali said the depackaging technology and processes separate food from its packaging materials like plastic and cardboard, producing a cleaner stream of organic material that can be turned into animal feed, compost or converted into energy with anaerobic digesters. The depackaging services help avoid the process of manually separating food from its packaging, making it easier to recycle and reuse food waste while freeing up time for retailers.

Walmart is one of the first retailers to leverage the newly implemented depackaging capabilities at scale, Denali said.

For Walmart, the initiative is an example of how the retailer is tackling operational waste through projects aimed at improving the effectiveness and efficiency of its waste management practices, while supporting the company’s sustainability objectives and pursuit of operational waste reduction, the company said.

“Walmart is focused on driving innovations that build operational efficiency, improve store associates’ experience and help reduce waste,” said R.J. Zanes, Walmart’s vice president of facility services. “Denali’s depackaging technology can help enable us to turn millions of pounds of potential food waste into useful products each year while allowing our associates to devote more time serving our customers.”

Denali said it provides depackaging services to thousands of grocers, food manufacturers, distributors and municipalities nationwide by collecting food waste from partners and recycling into valuable products like compost, organic fertilizer, animal feed and clean

energy, keeping the resource out of landfills. Denali said its network of depackaging facilities can separate up to 97 percent of all trash from organic food waste, including expired food products, recalled items, food scraps and spoiled deli, bakery and produce. Additionally, the depackaging services can process other food categories including animal products, dry and liquid goods.

“Denali’s depackaging technology is revolutionizing the way in which food manufacturers, distributors, retailers—and the cities in which they operate—can reduce food waste,” said Ilia Kostov, Denali’s chief revenue officer. “We are proud to work with the leading retailer—Walmart and Sam’s Club—to help reduce food waste at scale while simultaneously enabling the circular economy.”

After piloting the program in multiple markets over several years, Denali began its nationwide depackaging services rollout in 2023 in Phoenix, where the city government diverted 2,000 tons of food waste generated from events and activities. Since then, Denali has supported the city and local retailers to process and reduce the amount of food waste reaching landfills, Denali said.

Citing data from ReFED, a Chicago-based non-profit, Denali said the U.S. generated about 77.6 million tons of food waste in 2022 and about 3.9 percent comes from retailers due to damaged or expired items that are unable to be sold to consumers. Of the food waste generated by retail, 51 percent went to landfills and 39.5 percent went to compost or anaerobic digestion.

Denali’s depackaging network has the potential to greatly increase the amount of food waste that is recycled through composting and anaerobic digestion, rather than going to the landfill, the company said.

Annually, Denali recycles more than 500,000 tons of food waste into useful products, the company said, adding that the depackaging machines will enable it to recycle 750 tons of food waste each day for an estimated 250,000 tons of food waste into compost, fertilizer,

(See Denali, page 8)

Product/Equipment and Services Guide



Featuring the industry's leading vendors. This listing of the industry's leading vendors of products, equipment and services essential to the compost manufacturing, wood recycling and organics management business also is available online at compostingnews.com. Scan the QR code with your mobile device to go there. If your business is not listed, please contact ken@compostingnews.com.

Analytical Laboratory



Control Laboratories

www.controllabs.com
42 Hangar Way
Watsonville, CA 95076
Phone: 831-724-5422
Twitter: Controllabs
Contact: Assaf Sadeh
asadeh@controllabs.com

Anaerobic digestion



Control Laboratories

www.controllabs.com
42 Hangar Way
Watsonville, CA 95076
Phone: 831-724-5422
Twitter: Controllabs
Contact: Assaf Sadeh
asadeh@controllabs.com

Bagging/Packaging Equipment



Rotochopper

www.rotochopper.com
217 West Street
St. Martin, MN 56376
Phone: 320-548-3586
Fax: 320-548-3372
YouTube: [rotochoppervideos](https://www.youtube.com/rotochoppervideos)
Twitter: [rotochopper](https://twitter.com/rotochopper)
Facebook: [Rotochopper](https://www.facebook.com/Rotochopper)
Contact: Nicole Klein
info@rotochopper.com

In-Vessel Composting



Ag-Bag Environmental

www.ag-bagfs.com
92365 Riekkola Road
Astoria, OR 97103-6656
Phone: 503-325-2970
Fax: 503-325-2985
Facebook: [ag-bag](https://www.facebook.com/ag-bag)
Forage Solutions
Contact: Debbie Linder
dlinder@ag-bagfs.com

Mulch Coloring Systems



Bandit Industries, Inc.

www.banditchippers.com
6750 Millbrook Road
Remus, MI 49340
Phone: 989-561-2270,
Phone: 800-952-0178
Fax: 989.561.2273
YouTube: [banditchippers](https://www.youtube.com/banditchippers)
Twitter: [banditchippers](https://twitter.com/banditchippers)
Facebook: [banditiindustries](https://www.facebook.com/banditiindustries)
Contact: [Regional Sales Manager](mailto:sales@banditchippers.com)
sales@banditchippers.com



Colorbiotics

www.colorbiotics.basf.us
1725 Dayton Avenue
Ames, IA 50010
Phone: 888-663-6980
YouTube: [colorbiotics](https://www.youtube.com/colorbiotics)
Linked In: [Colorbiotics](https://www.linkedin.com/company/colorbiotics)
Twitter: [Colorbiotics](https://twitter.com/Colorbiotics)
Contact: Nick Lincoln
nick.lincoln@colorbiotics.com



Rotochopper

www.rotochopper.com
217 West Street
St. Martin, MN 56376
Phone: 320-548-3586
Fax: 320-548-3372
YouTube: [rotochoppervideos](https://www.youtube.com/rotochoppervideos)
Twitter: [rotochopper](https://twitter.com/rotochopper)
Facebook: [Rotochopper](https://www.facebook.com/Rotochopper)
Contact: Nicole Klein
info@rotochopper.com

Replacement Parts



ARMORHOG CW Mill Equipment -

www.armorhog.com
14 Commerce Drive
Sabetha, KS 66534
Phone: 800-743-3491
Phone: 785-284-3454
Fax: 785-284-2010
YouTube: [CWMillHogZilla](https://www.youtube.com/CWMillHogZilla)
Facebook: [HogZilla](https://www.facebook.com/HogZilla) Monster Grinders
Contact: Brian Bergman
sales@armorhog.com



DynaHog CW Mill Equipment -

www.dynahog.com
14 Commerce Drive
Sabetha, KS 66534
Phone: 800-743-3491,
Phone: 785-284-3454
Fax: 785-284-2010
Contact: Jason Haug
sales@dynahog.com

Product/Equipment and Services Guide



GrinderCrusherScreen Inc.

www.grindercrusherscreen.com
1772 Corn Road
Smyrna, GA 30080
Phone: 770-433-2440
Fax: 770-433-2669
YouTube:
GrinderCrusherScreen
Twitter: GCS_Equipment
Facebook:GrinderCrusherScreen
Contact: Rick Cohen
rick@grindercrusherscreen.com

Replacement Parts (cont.)



Hogzilla Grinders CW Mill Equipment -

www.hogzilla.com
14 Commerce Drive
Sabetha, KS 66534
Phone: 800-743-3491
Phone: 785-284-3454
Fax: 785-284-3601
YouTube:
CWMillHogZilla
Facebook:
HogZillaMonsterGrinders
Instagram:
HogZilla Monster Grinders
Contact:
Tim Wenger, VP, Sales Mgr.
hogzilla@cwmill.com

Wear Parts



GrinderCrusherScreen Inc.

www.grindercrusherscreen.com
1772 Corn Road
Smyrna, GA 30080
Phone: 770-433-2440
Fax: 770-433-2669
YouTube:
GrinderCrusherScreen
Twitter: GCS_Equipment
Facebook:GrinderCrusherScreen
Contact: Rick Cohen
rick@grindercrusherscreen.com



Morbark, LLC

www.morbark.com
8507 S. Winn Rd.
Winn, MI 48896
Phone: 800-831-0042
Phone 989-866-2381
Fax: 989-866-2280
YouTube: morbarkinc
Facebook: morbarkllc
Twitter: morbark
Contact:
Territory Sales Manager
inquire@morbark.com

Screening Systems & Trommels



Action Equipment Company Inc.

www.actionconveyors.com
2800 Hayes Street
Newberg, OR 97132
Phone: 503-537-1111
Fax: 503-537-1117
YouTube:
Action Conveyors
LinkedIn:
Action-Equipment-Company-Inc.
Contact: Andrew LaVeine
sales@actionconveyors.com



GrinderCrusherScreen Inc.

www.grindercrusherscreen.com
1772 Corn Road
Smyrna, GA 30080
Phone: 770-433-2440
Fax: 770-433-2669
YouTube:
GrinderCrusherScreen
Twitter: GCS_Equipment
Facebook:GrinderCrusherScreen
Contact: Rick Cohen
rick@grindercrusherscreen.com



Screen USA Inc.

www.screenusa.net
1772 Corn Road
Smyrna, GA 30080
Phone: 770-433-2670
Fax: 770-433-2669
Contact: Rick Cohen
rick@screenusa.net



West Salem Machinery

www.westsalem.com
P.O. Box 5288
665 Murlark Ave. NW
Salem, OR 97304
Phone: 800-722-3530
Phone: 503-364-2213
Fax: 503-364-1398
YouTube:
West Salem Machinery
Facebook:
West Salem Machinery
Twitter:
West Salem Machinery
Contact: Patrick Lorenz
info@westsalem.com

Wood Shredders



GrinderCrusherScreen Inc.

www.grindercrusherscreen.com
1772 Corn Road
Smyrna, GA 30080
Phone: 770-433-2440
Fax: 770-433-2669
YouTube:
GrinderCrusherScreen
Twitter: GCS_Equipment
Facebook:GrinderCrusherScreen
Contact: Rick Cohen
rick@grindercrusherscreen.com



Diamond Z

www.diamondz.com
11299 Bass Lane
Caldwell, ID 83605
Phone: 208-585-2929
Fax: 208-585-2112
YouTube: Diamond Z
LinkedIn: DiamondZ
Twitter: DZGrinders
Facebook: Grindingsimplified
Contact: Tristan Kruger
tkruger@DiamondZ.com

Product/Equipment and Services Guide



West Salem Machinery

www.westsalem.com
 P.O. Box 5288
 665 Murlark Ave. NW
 Salem, OR 97304
 Phone: 800-722-3530
 Phone: 503-364-2213
 Fax: 503-364-1398
 YouTube:
 West Salem Machinery
 Facebook:
 West Salem Machinery
 Twitter:
 West Salem Machinery
 Contact: Patrick Lorenz
 info@westsalem.com

Windrow Turners



Aeromaster Midwest Bio-Systems

www.aeromasterequipment.com
 www.midwestbiosystems.com
 28933 35 E Street
 Tampico, IL 61283
 Phone: 800-689-0714
 Fax: 815-438-7028
 YouTube:
 midwestbiosystems
 Twitter: compostingil
 Facebook:
 Contact: Cary Richardson
 info@midwestbiosystems.com

Wood Grinders - Horizontal



Bandit Industries, Inc.

www.banditchippers.com
 6750 Millbrook Road
 Remus, MI 49340
 Ph: 989-561-2270,
 800-952-0178
 Fax: 989-561-2273
 YouTube: banditchippers
 Twitter: banditchippers
 Facebook:
 banditiindustries
 Contact:
 Regional Sales Mgr.
 sales@banditchippers.com



GrinderCrusherScreen Inc.

www.grindercrusherscreen.com
 1772 Corn Road
 Smyrna, GA 30080
 Phone: 770-433-2440
 Fax: 770-433-2669
 YouTube:
 GrinderCrusherScreen
 Twitter: GCS_Equipment
 Facebook: GrinderCrusherScreen
 Contact: Rick Cohen
 rick@grindercrusherscreen.com

Thermometers & Monitoring Equipment



Reotemp Instruments

https://reotempcompost.com
 10656 Roselle Street
 San Diego, CA 92121
 Phone: 858-225-1889
 Fax: 858-784-0720
 YouTube: reotemp compost
 Twitter:
 reotempcompost
 Facebook: reotemp
 Contact: Nathan O'Connor
 compost@reotemp.com



Brown Bear Corp.

www.brownbearcorp.com
 PO Box 29,
 2248 Avenue of Industry
 Corning, IA 50841
 Phone: 641.322.4220
 Fax: 641.322.3527
 YouTube: Brown Bear Corp
 Contact: Stan Brown
 sales@brownbearcorp.com



Diamond Z

www.diamondz.com
 11299 Bass Lane
 Caldwell, ID 83605
 Phone: 208-585-2929
 Fax: 208-585-2112
 YouTube: Diamond Z
 LinkedIn: DiamondZ
 Twitter: DZGrinders
 Facebook: Grindingsimplified
 Contact: Tristan Kruger
 tkruger@DiamondZ.com



Hogzilla Grinders CW Mill Equipment -

www.hogzilla.com
 14 Commerce Drive
 Sabetha, KS 66534
 Phone: 800-743-3491
 Phone: 785-284-3454
 Fax: 785-284-3601
 YouTube:
 CWMillHogZilla
 Facebook:
 HogZillaMonsterGrinders
 Instagram:
 HogZilla Monster Grinders
 Contact:
 Tim Wenger, VP, Sales Mgr.
 hogzilla@cwmill.com



SCARAB International LLP

www.scarabmfg.com
 1475 County Road W
 White Deer, TX 79097
 Phone: 806-883-7621
 Fax: 806-883-6804
 YouTube: Scarab
 Manufacturing
 Twitter: Scarabmfg
 Facebook: Scarab
 International, LLLP
 Contact: Richard Miller
 info@scarabmfg.com



DuraTech Industries

www.duratechindustries.net
 Box 1940
 Jamestown, ND 58401
 Phone: 701-252-4601
 Fax: 701-252-0502
 YouTube:
 Duratechindustries
 Contact: Bob Strahm
 ind.sales@duratechindustries.net

Food scraps

Denali

From page 8

animal feed and clean energy each year in partnership with retail and municipality partners, based on 100 tons per store.

Compostables

Plastics

From page 1

‘biodegradable’ and ‘compostable’ plastic,” and provides a guide to choosing the best products. The report evaluates bioplastic materials currently on the market, the voluntary standards that govern their design and scientific research findings to date on their safety to help individuals assess their options.

Beyond Plastics called FTC Chair Lina Khan to finalize changes to the FTC Green Guides, which address the accuracy of environmental claims made by companies. The Green Guides have not been updated since 2012. The FTC opened a public comment period earlier this year, but there is no indication of when it will move to finalize an updated version, Beyond Plastics said.

The organization said the packaging industry markets bioplastic products as a solution to plastic pollution, claiming they degrade faster in the environment, are made from safer materials and have smaller climate change impacts than regular plastics, which are created from fossil fuels.

“These claims tend to attract consumers and businesses looking for environmentally friendly alternatives to fossil fuel-based plastic, however, as our report shows, just because a product is “biobased,” “compostable” or marketed as a “bioplastic” does not necessarily make it better,” Beyond Plastics said.

“Many consumers and businesses are genuinely trying to do the right thing when they replace traditional plastic products like utensils, takeout containers and straws with bioplastics that claim to be ‘biodegradable’ and ‘compostable,’ but

unfortunately they’re often replacing one harmful material with another,” said Judith Enck, president of Beyond Plastics and former U.S. EPA regional administrator. “The lack of regulations around bioplastics allows companies to present their products as more environmentally friendly than traditional plastic without meeting any standards for safety, toxicity, climate change impacts or how long it takes for them to degrade. This report combats the often misleading promotion of bioplastics by providing a close look at the benefits and harms of products on the market today. Ultimately, individuals should always try to eliminate the need for plastic altogether or replace it with a reusable option, but when a bioplastic product is the only material that fits the bill, this report should ensure individuals are making choices that better the planet and human health.”

Finding in the report include:

- bioplastics are typically made using the same processes as traditional plastics, which means they may also contain harmful chemical additives;
- some bioplastics may be even more toxic than traditional plastics because their formulations contain new, unidentified chemicals;
- no federal standards define or regulate bioplastic, biodegradable or compostable products. This leads to misleading advertising and waste management challenges;
- compostable plastics can only

break apart in a commercial composting facility, and few communities in the U.S. have access to commercial composting facilities;

- certification programs in the U.S., Europe, Australia and New Zealand are run by trade associations or private organizations that represent bioplastics manufacturers, posing potential conflicts of interest. For example, the U.S.’s main certifier of compostable packaging, the Biodegradable Products Institute has some of the most powerful petrochemical companies on its board, including BASF, Eastman Chemical Co., TotalEnergies Corbion and Danimer Scientific;
- instead of swapping out one type of plastic for another, the best option is to turn off the spigot for single-use plastics, which make up nearly half of all plastics produced. The next best solutions are swapping plastic for a reusable or refillable system, or replacing plastic with a recycled paper or recycled cardboard

(See Plastics, page 8)

Independent coverage of composting, wood recycling and organics management

Composting News

the latest news...
the real story

Completely independent - and the only publication that reports current retail and wholesale market prices for compost and mulch products.

SUBSCRIBE NOW

Creators of **Way-2-Grow.com**

www.compostingnews.com

Thumbnail text: Vermont bill would exempt compost from sales tax; Food scraps to energy: Harvest Power launches Energy Garden; Milwaukee group begins commercial food waste pilot

Compostables Plastics

From page 13

product;

- when plastics are necessary and cannot be eliminated, biobased polymers may be preferable because of the devastating environmental, human health and environmental justice impacts associated with fossil fuel-derived plastics. But that needs to be evaluated on a case-by-case basis—any bioplastic product should be carefully vetted;

- to expand reuse opportunities across the country, legislators should require reuse and fund it through legislation like packaging reduction bills, often referred to as extended producer responsibility.

Beyond Plastics supplemented the report with a brochure that can be distributed to local businesses, as well as a shareable educational video that walks viewers through bioplastic terminology, myths and decision-making guidance. The organization said restaurant owners can benefit from “A Restaurant’s Guide to Reducing Plastic,” published in 2022, for more information about the benefits of shifting to reusable packaging.

You can view the report at bit.ly/demystifying-bioplastics

clear to people, industrial composting facilities will then start to gain more confidence and accept these items.

Behind the issue is the rise of compostable packaging at restaurants and on store shelves. The growing market promises consumers the convenience of disposable products without environmental guilt. In reality, however, many look-alike non-compostable cups and takeout containers aren’t certified as compostable by the Biodegradable Product Institute, the leading labeling authority for North America, or the Compost Manufacturing Alliance, another certification group working directly with compost processors.

That issue is one reason A1 Organics, the state’s biggest industrial composting facility, banned anything other than yard waste and food scraps in March 2023. Besides avoiding imposter compost products, the decision was intended to slow the arrival of more obvious contaminants like diapers, shoes and glass bottles.

To encourage compost processors to shift gears, the new law requires a clear logo on certified compostable products along with green color, tinting or telltale design patterns, and bans any other products from using green color schemes or labels like “biodegradable” or “natural.”

The law also deputizes consumers as compost cops. If any product appears to violate the state’s new labeling standards, residents are encouraged to report it through an online form.—*Colorado Public Radio, cpr.org*

- In October 2023, Aspen, **Colorado** implemented the first stage of its February 2023 organic waste-diversion ordinance, which requires any business with a retail food license to divert food waste from the landfill. In practice, this means that all restaurants and catering companies working within the city limits need to compost any organic waste.

Data collected at the landfill shows that the amount of food waste coming into the compost section of the landfill increased by 70 percent in the first four months of this year, which includes many

restaurants’ busy ski season, compared to the same period in 2023. The year-to-date increase is 54 percent, which reflects the fact that many restaurants close in May and early June.

Keeping food waste out of the landfill is beneficial not only because it helps to preserve space in the rapidly filling dump eight miles downvalley from Aspen, but because it keeps that food from rotting under layers of other trash and turning into methane, a highly potent greenhouse gas.

The near-doubling of compost coming into the landfill is attributed to the 104 businesses in Aspen’s city limits that now fall under the compost requirement, most of which are restaurants. Some started compost programs before last fall’s deadline, but most are new to the process.

The compost process allows carbon and nutrients from food and other organic waste to return to the soil and support new plant growth. It not only eliminates emissions from the landfill, but can positively support a healthy ecosystem.

Aspen’s ordinance doesn’t explicitly require businesses to compost, instead mandating food-waste diversion through “recoverable management” practices. Other options for food waste mentioned in the ordinance include donation and animal feed.—*Aspen Journal, aspenjournalism.org*

- The Dayton, **Ohio** area’s regional food bank is seeking a \$10.2 million federal grant to fund a partnership with Montgomery County offices that would expand composting efforts across the county and create jobs for people leaving incarceration. The program would include 32 drop-off locations throughout Montgomery County and six in-vessel compost systems in partnership with Montgomery County Environmental Services’ Solid Waste District.

Officials at Foodbank Inc., Dayton’s regional food bank network, said the program could help divert food waste away from landfills and remove barriers people may have to accessing resources for their garden spaces.—*Dayton Daily News, daytondailynews.com*



- The dirty truth about “compostable” cups and takeout containers distributed in **Colorado** is that they’re probably going to the dump. On July 1, a new Colorado law took effect to address the problem by setting “truth-in-labeling” standards for compostable products.

Kelly Leviker, of the Colorado Public Interest Research Group, said the goal is to root out anything that looks compostable but isn’t certified to break down in an industrial compost heap. She said the law should make it clear to people what is compostable and what’s not compostable, and once that becomes very

CELEBRATING 53 YEARS



Join us on the Riverwalk for MSC's 53rd Annual Meeting!

Covering topics for everyone from owners and plant managers
to account and marketing managers to industry suppliers.

This year's meeting topics will include:

- The Crow Report - What's Going on in Washington D.C.
- AI & ChatGPT - Impacts on Your Business & the Future
- ERP - Choosing, Implementing and Lessons Learned
- Manufacturing Efficiencies Panel
- Sales & Operations Planning - 10 Keys Needed for Successful Planning

Keynote Speaker: Jeff Hoffman

*Award-winning Global Entrepreneur
Bestselling Author*

Film, Grammy & TV Producer

Founder of Priceline.com/Booking.com, uBid.com and more

Mulch & Soil Council 2024 Annual Meeting

October 8 - 10, 2024

Hilton Palacio Del Rio

San Antonio, TX

We Hope To See You There!

For more info, go to
www.mulchandsoilcouncil.org



HOGZILLA®

"Their service is amazing. But then on top of that, these grinders are built stronger than anything else in the market."

Jason Anderson,
Missouri Organic – Kansas City, MO
*Missouri Organic commercially processes yard waste,
tree trimmings, & food waste residuals recycled from the
Kansas City area to make mulch, compost, and topsoil.*



- DIESEL OR ELECTRIC
- TUB OR HORIZONTAL
- MONSTER PRODUCTION

*We build your
grinder how you
want it. It's as
simple as that!*

CW MILL EQUIPMENT CO., INC., Sabetha, KS, U.S.A.

HOGZILLA.com • 800-743-3491 • Email: hogzilla@cwmill.com

Connect With Us!



ADDRESS SERVICE REQUESTED

McIntee Media Corporation
9815 Hazelwood Avenue, Strongsville, OH 44149-2305
Phone: 440.238.6603
www.compostingnews.com

Composting News

Independent coverage of composting, wood recycling and organics management