



Independent coverage of composting, wood recycling and organics management



# Composting News

June 2024

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Market Intelligence

Volume 33 Number 4

## Opinion: Restoring the soil to make the deserts bloom

By Elizabeth Nickson

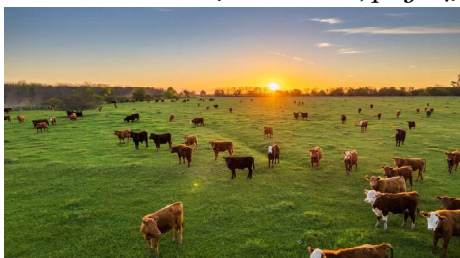
**D**id none of the Masters of the Universe take Marketing 101? I know it's a quasi-discipline, much déclassé, for the peons in flyover country who sell widgets to live, but it does determine the world. What do you want to buy with your disposable income? What food, what house, what car, what do your children lust after?

Shopping decisions determine the shape of the real world, where real things happen. For some people, it's their only opportunity for self-determination, and take it they will.

This fundamental human characteristic is described perfectly by a graph, a chart. The Marketing Curve has been around for 50 years, and its one assumption is that human desire is the primary driver of the economy.

We are divided into forerunners, innovators, early adopters and late

*(See Restore, page 4)*



## Feds announce food waste strategy

**T**he U.S. Department of Agriculture (USDA), the U.S. Environmental Protection Agency (EPA) and the U.S. Food and Drug Administration (FDA) announced the National Strategy for Reducing Food Loss and Waste and Recycling Organics as part of the federal government's approach to tackle climate change, feed people, address environmental justice and promote a circular economy.

The strategy offers goals that the U.S. government partners, along with retailers and consumers can work toward to help further prevent the loss and waste of food and increase recycling of food and other organic materials.

This strategy is an outcome of the Biden administration's National Strategy on Hunger, Nutrition and Health, which was released in conjunction with the White House Conference on Hunger, Nutrition and Health in September 2022.



Photo: USDA

*(See Feds, page 11)*

## Synagro announces new facilities

**S**ynagro Technologies Inc., Baltimore, announced the addition of two new composting facilities that represent an investment of more than \$50 million. Both facilities will produce AllGro compost—a nutrient-rich, sustainable, all-in-one soil amendment, Synagro said.

The Cumberland County Biosolids & Organics Recycling Center in Deerfield, New Jersey, will serve the greater-New Jersey markets and the Holly Hill Composting Facility, Holly Hill, South Carolina, will serve the Charleston and Columbia, South Carolina markets. These new facilities are in line with the company's strategy to further expand

composting in the eastern U.S., Synagro said.

The Cumberland County operation is a state-of-the-art 103,000-square-foot, in-vessel composting process building, utilizing automated aeration and turning equipment. New Jersey generators will be able to leverage Synagro's investment

*(See Synagro, page 4)*

### Highlights

- **County launches compost bin sale**
- **National compost prices**

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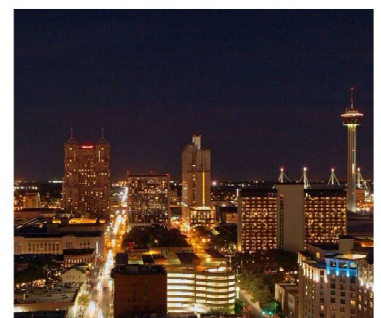
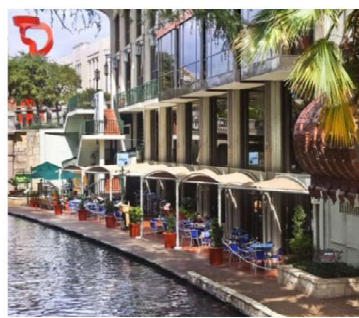
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Local programs

# Montgomery County launches compost bin sale

Montgomery County (Maryland) Department of Environmental Protection's (DEP) Recycling and Resource Management Division launched its backyard food scraps compost bin bulk discount sale. Through the sale residents can purchase Earth Machine and HotFrog dual chamber tumblers at a reduced cost.

The Earth Machine compost bin has an 80-gallon capacity, four anchor pegs to secure the unit to the ground and a locking lid. The HotFrog dual chamber tumbler, with a total volume of 37 gallons, has two chambers for dual batch composting, allowing for the filling of

one side while the other side cures.

Both compost bins are approved for food scraps composting, to deter rodents and to aid in the decomposition process. Additionally, both are made from recycled plastic and are simple to use via the provided how-to-guides, the county said.

Over the last two years, DEP, with the help of 1,000 volunteers, evaluated the compost bins available for purchase.

"Montgomery County is improving our recycling, reduction and waste prevention, which are key objectives of the County's Climate Action Plan," said Marc Elrich, county executive. "Our efforts are making a difference, but we still have a lot of work to do. This program helps residents find vetted products to facilitate backyard composting, which is an ideal way to compost. Individual actions like composting are an essential

*(See Maryland, page 4)*



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## Local programs

### Maryland

From page 3

component towards achieving our county goal of zero waste.”

The county estimated that 97,000 tons of food scraps are thrown away in the county every year, and 45,000 tons of that amount is tossed in the trash by residents in single-family homes.

“Increasing composting and reducing food waste are critical components of our sustainability efforts,” said Jon Monger, DEP director. “By providing residents with affordable composting bins and information on the benefits of backyard composting, we are empowering the community to take action and contribute to a healthier environment.”

## Bristol starts food scrap pilot

The city of Bristol, Connecticut invited residents to participate in a free food scrap recycling pilot program to begin July 1, 2024. The program is organized by the Bristol Department of Public Works, sponsored by Reworld (formerly Covanta) and collected by Blue Earth Compost, of Hartford.

Blue Earth will collect the food scraps and haul them to Quantum Biopower, a state Department of Energy and Environmental Protection-approved anaerobic digester in Southington, Connecticut. In 21 days, Quantum can convert the food scraps into compost and convert the methane byproduct inside the facility into bio-gas to generate electricity.

Bristol pays to have municipal solid waste incinerated at the Reworld facility in Wellingford, Connecticut. Data from the Connecticut Department of Energy and Environmental Protection (DEEP) indicates that about 22% of the waste stream is food.

The ultimate goal is to reduce the amount of tonnage incinerated by

removing food from the trash. Other surrounding towns, such as West Hartford, are participating in similar food scrap recycling programs.

“Food scraps can be converted into compost, which improves soil quality, reduces the need for chemical fertilizers, helps to retain water in the soil, and reduces soil erosion,” said Raymond Rogozinski, director of public works. “Many food items cannot not be placed in a backyard compost. All food scraps can be composted through the anaerobic digester.”

## Facilities

### Synagro

From page 1

in green infrastructure for biosolids and organics management thereby producing about 38,000 tons of Class A compost annually, the company said. Synagro has teamed with the Cumberland County Improvement Authority to provide the facility with renewable energy, creating a highly sustainable, environmentally and community-friendly solution, Synagro said.

“Synagro considered multiple technologies before selecting composting for the Cumberland County facility,” said John Goodwin, senior vice president of technology. “Our choice of an in-vessel composting process was driven by the desire to utilize proven technology with a demonstrated ability to produce a high-quality product while maximizing the environmental benefits of the facility.”

The Holly Hill Composting Facility is ideally situated on 25 acres offering a cost-effective sustainable composting option for the region, removing 75,000 tons of biosolids annually from local landfills. The outdoor windrow-style, woodchip-and-biosolids feedstock composting facility will produce about 40,000 tons of compost annually, Synagro said. The compost product will be used in local agricultural and soil-blending operations. The facility will utilize Synagro’s SynaPure wastewater treatment system to provide clean runoff water from the site.

The company said AllGro compost

brings agronomic value to almost any application by providing benefits such as increased yields, replenishment of organic matter, water retention and slow-release plant nutrients which reduce the need for chemical fertilizers.

## Opinion

### Restore

From page 3

adopters and it holds true for digital products, politics, vacations and health decisions, across the board.

You cannot overturn it; you cannot say, “people must like this and do this because I am willing to spend a few billion to brainwash them.”

No.

Because some renegade soul will say, “I want to move to the country and raise heritage beef rather than swan around New York, London, Paris, Munich going to night clubs and working for a multinational where I destroy the weak and help the strong.”

And then all of a sudden there are handfuls of people hiving off the swarm and starting their own thing. And then, presto, like last year, 66 percent of Americans would, if they could, move to the country or a rural subdivision and become more independent of the murderous cabal that forgot the marketing curve. That this is the exact opposite of what the United Nations (U.N.)/World Economic Forum (W.E.F) want—which is to force people into 15 minute prison cities with rural areas left to carbon sinks—is just another example of reality flowing like water around fascist-erected obstacles.

### The third world future they want

How on God’s green earth did central planners miss the food revolution of the past 20 years? Did they think only they were foodies? Did they miss the restaurants, the farmers’ markets, the parade of cooking shows, the pallets of new cookbooks shipped every year? The geometric growth of nutritional experts? The armies of food stars?

I guess they did, because who needs market research when you have the W.E.F./U.N., the CIA, fifth-generation warfare, obedient Hollywood and the New York publishing industry all turned towards propaganda?

Recently, Netflix released—just in time for the Season of the Diet—“You Are What You Eat,” a series that via hectoring, pleasure-starved women, tells us why we should all be vegan. But that ship has sailed. Vegan may work for pre-modern peasants, or for the ill, but the innovators and forerunners in food have embraced full fat dairy, grass fed beef, pasture raised chicken, free range eggs and local vegetables.

They don’t even eat supermarket organic anymore, because it is grown wrong.

Did the W.E.F. drones really think those people were going to eat bugs and fake meat? Jordan Peterson may have made the all-meat diet breakthrough, but he has shown that the nutrients we most need today are within meat; within

traditional food. The beefcake community, gym rats, performance addicts, the ambitious have all followed suit. Even the Gwyneth people are reintegrating healthy meats, full-fat dairy, preferably raw.

Supermarket milk is called dead milk.

That means, according to the marketing curve, that within 10 years, every middle class person on earth will be eating that way.

### What does that mean for the land?

Instead of the now emptying and desiccating countryside, it means making the deserts bloom. For the past 20 years, a host of new rancher/scientists have been experimenting with soil restoration using cattle. Starting with Allan Savory in Zimbabwe and migrating swiftly to America, where Savory has two experimental ranches, and flowing out like a hundred tributaries, ranchers and farmers, young and old are restoring the

earth.

By which I mean the soil.

It took Savory a good decade to discover the process of restoration, how to turn the denuded lands of Africa to proliferating vegetation and health, but he, and others think that our ruined earth, the deserts created by man by over-production, even the great deserts of the Americas, the deserts of the once-fertile crescent, can be brought back to life, to the hanging gardens of Babylon. Seventy percent of desertification happened before the modern age. Savory et al think they can bloom again.

### Wouldn’t it be lovely?

One has to pause and pay a little grief tribute to the fiendish and death-dealing turn of the environmental movement—Ireland’s dictate to kill 200,000 cows over the next three years being an excellent example.

The functionaries of the movement have ranged through the earth destroying one rural economy after another, turning



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# 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
Florida	\$ 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

# 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](http://compostingnews.com). Scan the QR code with your mobile device to go there. If your business is not listed, please contact [ken@compostingnews.com](mailto:ken@compostingnews.com).

## Analytical Laboratory



### Control Laboratories

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Contact: Assaf Sadeh  
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## Anaerobic digestion



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## In-Vessel Composting



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Facebook:  
ag-bag Forage Solutions  
Contact: Debbie Linder  
[dlinder@ag-bagfs.com](mailto:dlinder@ag-bagfs.com)

## Mulch Coloring Systems



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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  
[sales@banditchippers.com](mailto:sales@banditchippers.com)



### Colorbiotics

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



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Fax: 320-548-3372  
YouTube:  
[rotochoppervideos](https://www.youtube.com/rotochoppervideos)  
Twitter:[rotochopper](https://twitter.com/rotochopper)  
Facebook: Rotochopper  
Contact: Nicole Klein  
[info@rotochopper.com](mailto:info@rotochopper.com)

## Replacement Parts



### ARMORHOG CW Mill Equipment -

[www.armorhog.com](http://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](mailto:sales@armorhog.com)



### DynaHog CW Mill Equipment -

[www.dynahog.com](http://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](mailto:sales@dynahog.com)

# Product/Equipment and Services Guide



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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



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GrinderCrusherScreen  
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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



## West Salem Machinery

www.westsalem.com  
P.O. Box 5288  
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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



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rick@grindercrusherscreen.com



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1772 Corn Road  
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Phone: 770-433-2670  
Fax: 770-433-2669  
Contact: Rick Cohen  
rick@screenusa.net



## 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  
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 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:  
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 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



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 YouTube:  
 CWMillHogZilla  
 Facebook:  
 HogZillaMonsterGrinders  
 Instagram:  
 HogZilla Monster Grinders  
 Contact:  
 Tim Wenger, VP, Sales Mgr.  
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## 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

# 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](http://compostingnews.com). Scan the QR code with your mobile device to go there. If your business is not listed, please contact [ken@compostingnews.com](mailto:ken@compostingnews.com).



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rotachoppervideos  
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Contact: Nicole Klein  
[info@rotachopper.com](mailto:info@rotachopper.com)

## Wood Grinders - Horizontal (cont.)



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P.O. Box 5288  
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Contact: Rick Cohen  
[rick@grindercrusher.com](mailto:rick@grindercrusher.com)



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## Precision Husky Corp.

[www.precisionhusky.com](http://www.precisionhusky.com)  
850 Markeeta Spur Road  
Leeds, AL 35094  
Phone: 205-381-7189  
Fax: 205-640-1147  
Contact: Steve Briscoe  
[steveb@precisionhusky.com](mailto:steveb@precisionhusky.com)

## Wood Grinders - Tub



## DuraTech Industries

[www.duratechindustries.net](http://www.duratechindustries.net)  
Box 1940  
Jamestown, ND 58401  
Phone: 701-252-4601  
Fax: 701-252-0502  
YouTube:  
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Contact: Bob Strahm  
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## Hogzilla Grinders CW Mill Equipment -

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Sabetha, KS 66534  
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YouTube:  
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## Opinion

### Restore

From page 6

one forest or range to wildfire and invasive weed. In sharp contrast, soil restoration will not only bring back a healthy bio-system, turn food into its once nutritious self, restore rural life and groundwater. Individual farmers and ranchers—not bureaucrats with failed ideas that are 50 years old and require bullying and gun-toting Bureau of Land Management rangers.

This is how broken the earth is: denuded, poisoned and packed tight by industrial agriculture, rainwater streams off to the sea and tons of fertilizer must be added every year. Farmers must till deeper and deeper to find live earth to plant. In contrast, restoration means no weeding, no fertilizer, just the hooves of cattle and sheep that break the crust, and over years, with their manure, restore a lost community of arthropods beneath us.

In county after county, young men and women are doing just that. It means more cattle, grazing in a new way, requiring actual cowboys. As an example, what a new rancher will do, is section his rangeland, allow the cows into graze a 50-acre plot, then move them before they eat the roots, into another. The former pasture has been fertilized, the earth broken by hooves, and it starts to live again, without expensive additives. The soil substructure begins to rebuild itself. Productivity soars. The aquifers are restored.

We at The Pipeline don't accept the catastrophic anthropogenic "climate change" narrative, but if only 11 percent of current farmland were turned to restoration, all of the supposed excess carbon emissions of man would be absorbed. And food would be nutritious again.

Note to the WEFers: get on board or go extinct.

*Nickson is an author, senior fellow at the Frontier Centre for Public Policy, Winnipeg, Manitoba and a former reporter for Time and Life magazines.*

*She has written for Harper's Magazine, the Guardian, the Observer, the Independent, the Sunday Telegraph, the Sunday Times Magazine, the Telegraph, the Globe and Mail, the National Post and her Substack blog, Welcome to Absurdistan (tinyurl.com/3t85tzax.)*

*This article represents the opinions of the author and may or may not coincide with the opinions of Composting News.*

## Food waste

### Feds

From page 1

"USDA is committed to reducing food loss and waste, facilitating many programs and activities to engage farmers, producers, communities and businesses in this collective effort," said Agriculture Secretary Tom Vilsack. "This National Strategy charts a course to reduce our nation's food loss and waste by 50% by 2030, and I am encouraged by the actions outlined for USDA and our federal partners. Everyone has a role to play in reducing food loss and waste, and I hope that these federal commitments will inspire and catalyze action in the private sector and communities around the U.S."

FDA Commissioner Robert Califf said the agency is committed to completing the actions outlined in the National Strategy that incentivize and encourage food loss and waste prevention and organics recycling.

"As part of the release of this strategy, the FDA has made important resources available to guide, support and accelerate their food loss and waste activities including the 2022 Food Code, Tips to Reduce Food Waste and the Food Loss and Waste Social Media Toolkit," Califf said. "We encourage all stakeholders to take advantage of these resources as we work together to reduce food loss and waste."

Vilsack announced the strategy during his keynote remarks at the ReFED Food Waste Solutions Summit in Baltimore, on Juenn 10.

The summit was billed as the largest national food waste event of the year,



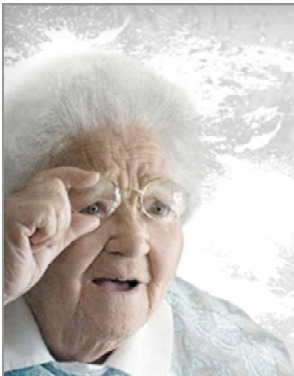
bringing together food businesses, funders, solution providers, innovators, policymakers and nonprofits to drive the adoption of food waste solutions. Vilsack spoke about how the strategy advances USDA's goals to enhance agriculture's ability to address global food and nutrition security, manage the consequences of climate change, and engage in innovative practices.

EPA research indicates that 58% of methane emissions released to the atmosphere from landfills are from food waste. The strategy aims to prevent and divert organic waste from landfills to reduce greenhouse gas emissions and highlights opportunities, especially where there are environmental justice concerns, to build community-scale organics recycling infrastructure, reduce pollution and create jobs.

The strategy drives progress toward the National Food Loss and Waste Reduction Goal to reduce the loss and waste of food by 50% by 2030. In 2021, EPA updated its U.S. baseline to align the 2030 goal with the United Nations' Sustainable Development Goal Target 12.3, which aims to reduce the amount of food from food retail, food service, and households that has been removed from the human supply chain. In addition, this goal supports the U.S. Methane Emissions Reduction Action Plan. Because methane is both a powerful GHG and short-lived compared to carbon dioxide, achieving significant reductions to food loss and waste would have a rapid and significant effect on reducing GHG emissions.

The strategy highlights four objectives:

- prevent food loss;
- prevent food waste;
- increase the recycling rate for all organic waste;
- support policies that incentivize and encourage the prevention of food loss and waste and organics recycling.



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