

TAWA COMPOST FOOD RESCUE PRESENTS

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# Compost bin 'The eco vault' Produce black gold onsite.

Turning trash into a valuable resource





02



GOING GREEN SERIES PT 3

# David A. Velez

TAWA FOUNDER AND CEO

## My Accomplishments

- Won Compost 2022 emerging composter competition
- Created and sponsored the microbusiness innovation corner at the Compost 2024

# Today's Presentation

Problems with current models

The compost bin and its virtues

Capacity

Why is this important

The non recyclable materials in the compost bin

**TOPICS TO DISCUSS**

**03**



# 04



## Persistent problems in current models

- Global Food Waste Crisis: Nearly **one-third of all food produced is wasted**, leading to environmental damage and resource depletion.
- Impact on the Environment: **When food waste ends up in landfills, it decomposes anaerobically, producing methane**—a greenhouse gas far more potent than carbon dioxide.
- Inefficiency of Traditional Waste Bins: **Regular waste bins often create anaerobic conditions**, causing harmful gas production and unpleasant odors and unwanted insects.
- Food is transported to a distant facility, missing the chance to be utilized locally.
- When food scraps are processed in large facilities, there is a risk of contamination from microplastics, gasoline, and hydraulic fluids from machinery, which could potentially enter the food chain and impact human health.



## The compost bin and its virtues

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- **Effective Waste Diversion:** Our compost bin is designed to capture organic waste at the source, diverting it from landfills and reducing the overall volume of the material to approximate 1/10th.
- **Aerobic Decomposition:** Our compost bin promotes aerobic decomposition. This process, facilitated by proper ventilation and airflow, breaks down organic matter efficiently without producing methane and foul odors when instructions are followed by user.
- **Local Processing:** The compost bin enables homeowners and businesses to process organic waste locally, avoiding the need for long-distance transport to centralized facilities. That means a cleaner resource for locals.





# How many lbs does it fit?

350-400lbs and more depending on feeding schedule.

User-Friendly: Easy to assemble, maintain, and harvest compost—perfect for beginners/





# No turn compost

Allows air to circulate naturally, eliminating the need to turn.

Rodent  
proof

98% recyclable

Reclaimed  
Ipe Wood

Locking  
option

Stainless  
Steel

- 350LBS Capacity
- No assembly required
- Compost meat & bones
- Mix food and wood chips
- Composts in 75 days.
- Bear proof option available

Free Delivery  
(213) 338-0044



Website

TAWACOMPOST.COM

# 05



# Non recyclable

## Plastic liner

Is the only piece of material that is non recyclable

## Bottom Screen

Is the only piece of material that is non recyclable and also may need to be replaced every year or substitute with our higher grade screen to never be replaced.

Extra \$95



**No turn compost**  
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**06**

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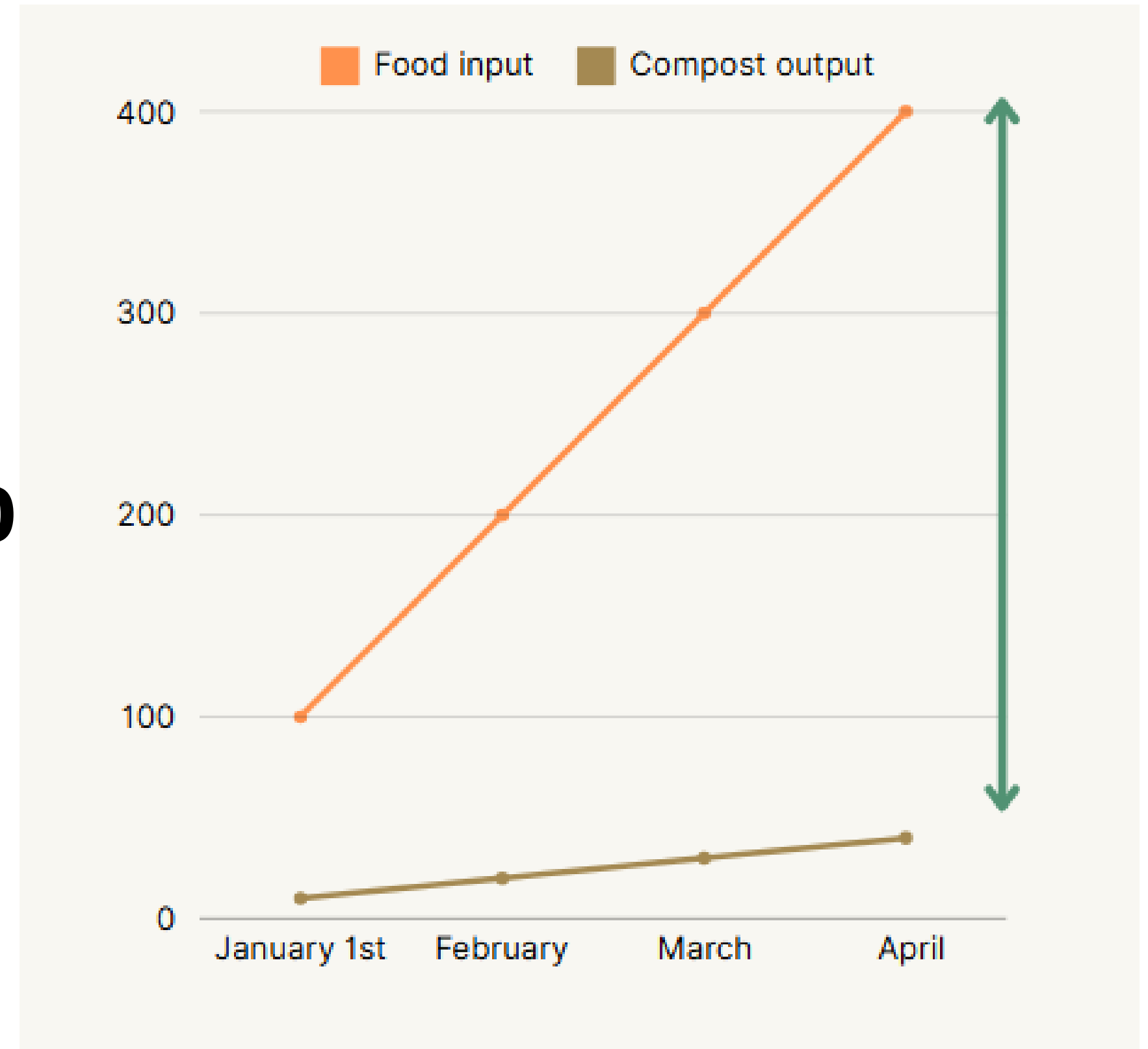
Website  
[TAWACOMPOST.COM](http://TAWACOMPOST.COM)



# 09

## Compost bin reduces weight of food scraps to nearly 1/10

- The system is ideal for apartment complexes, schools and organizations looking to reduce green waste pick up costs.
- Reduces weight and volume over the course of 3 weeks.
- Organizations may use compost bin data to gain funding for growing food onsite with local resources
- Organization may start a community food scrap drop off and finished compost pick up.





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## MAINTENANCE REQUIRED

Scrub with special sponge once  
a month to keep the unit  
looking sharp.



# Compost

Has never looked this good

