

# VERMICOMPOSTING



## FLORIDA'S RECYCLING CHALLENGE

In 2020, Florida's residents and tourists generated Municipal Solid Waste (MSW) equivalent to over 2 tons per resident per year. This is above the national average of 1 ton. per resident per year.



Organics are one of the largest fractions of waste, by weight, generated in the state of Florida. Of the 47 million tons of MSW generated in 2020, organics accounted for 36% of Florida's waste stream.

Source: EPA/2020

Reducing organics in the waste stream is vital for Florida's recycling goal.

Organics include food waste, yard trash, and paper.



## WHAT IS VERMICOMPOSTING?

Vermiculture, also known as vermicomposting or worm composting, is the process of using worms to break down waste materials into compost.



Through Vermiculture, we can lower greenhouse gasses



Worm Casting adds microbes to the soil and helps retain moisture.



Harvard Law School Food Law and Policy Clinic estimates that approximately 40% of food produced in the United States each year is never consumed, resulting in 62.5 Million tons. of food going to landfills.

It also significantly reduces food waste and Florida's Organic Waste

Vermicomposting is the way to go if you:

- Generate only kitchen/table scraps
- Live where composters are not allowed
- Don't have a yard

**DID YOU KNOW?**  
One pound of worms can turn 65 pounds of garbage into garden compost in 100 days



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## MAKING YOUR WORM BIN READY TO GET STARTED?

UF/IFAS Extension  
Broward County Urban  
Horticulture Agent,  
Lorna Bravo, shares  
basic techniques to help  
you get started



1

Introduction - Why  
Vermicomposting?

2

How to Make your Worm Bin  
Know the materials you have to have  
available to successfully complete this  
project



3

Building your Worm Bin



4

Building a Worm Bin



5

Harvesting  
Vermicomposting