



Expansion Plan

Land Landscape Waste Is Recovered.
1. A Fee Is Charged To Drop Off

Food Waste Is Sorted Between Edible And Non-Edible
(then)
1. The Water Is Removed
2. 2 Pound Patty Is Created

Inedible Waste
(then)
1. The Water Is Removed
2. 2 Pound Patty Is Created

WATER
Water Can Be Recovered And Used For Fish/Worms Or Micro-Greens

The Soil Is Dried Out
(then)
1. The Soil Is Important To Dry Out Because When It Is Bagged It Will Not Be Able To Grow Mold And Mildew
2. Water Is Sent Back To Fish Or Can Be Used For Other Purposes

Meats And Inedible's For Worms Fed To Black Soldier Fly Larvae
(then)
1. Meats and others are fed to Black Soldier Fly Larvae
2. In less time than the worms the Soldier Fly Larvae will eat the food clean.

Edible Waste
(then)
1. Food Is Bought From Pickups For \$0.50 An Item Then Sold To Snap/ EBT Users For \$0.60 An Item
Food Is Donated To Catholic Charities And Three Square Right Before It Is Unusable. We Receive A Tax Write Off

Patty Is Placed In The "Worm Bin"
(then)
1. Bin Is Filled With Damp Peat Moss
2. 12 Ounces of Worms Are Placed In The Bin
3. 1 Inch of Damp Peat Moss Is Placed On Top To Deter Worms From Escaping

Soil Is Heat Treated At 160 Degrees For 30 Min In Water
(then)
1. The Reason The Soil Is Heat Treated Is To Kill Any Potential E. Coli And/Or Seeds Left Behind By The Worms

The Soil Is Bagged And Sold
(then)
1. The Soil Can Be Sold To Various Customers. The Soil Contains Vermicompost, Nitrogen, Potassium, Phosphorus and Microbes and Nutrients Produced By Fish.

Soldier Fly Larvae Are Fed To Aquaponic Fish
(then)
1. Fish Are Raised In Water And The Water Is Filled With Nutrients For Plants
2. The Fish Are Grown And Sold

Bins Are Stacked 10 High
(then)
1. Wait 5-9 days

Worms Are Removed By Suffocation
(then)
1. A Lid Is Placed On Top Of Bucket Disallowing Air Into The Bucket
2. After 2-6 hours (12 hours MAX) worms will rise to the top of the bucket and can be removed. This process is usually repeated 3x times. After each worm removal it is important to mix the dirt up.

Fish Water Is Sent To Micro-Greens
(then)
1. Micro-Greens Are Grown, Harvested And Sold

After 5-9 Days
(then)
1. Worms/Waste/Dirt Are Emptied Into Buckets
2. If Any Food Waste Is Left Over Then Worms Are Left In Buckets To Finish

