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Making and Applying J/S Extract

Mimic Mother Nature

4 things that microbes need to survive

1. Food source (bacteria or fungi)
2. Oxygen
3. Water
4. Temperature

Material List

IBC Tote

Proper ingredients

Hole Saw

4in Pipes

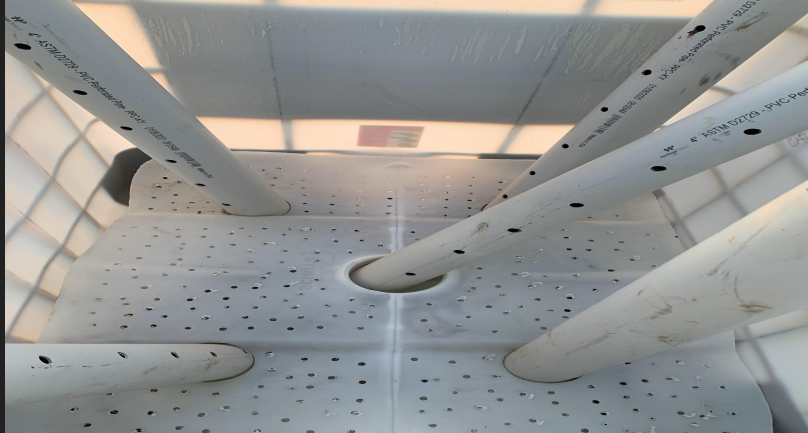
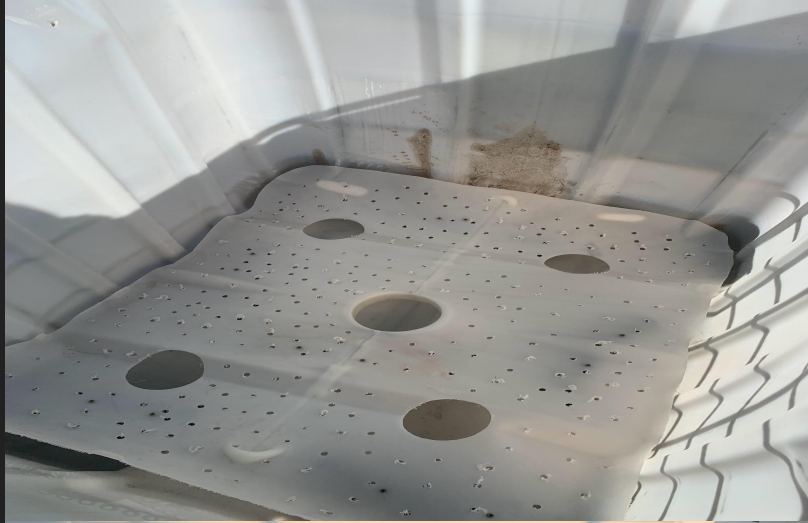
½ drill bit and drill

Wire mesh to make chimneys

Pallets to raise IBC tote off the ground

Red Wigglers

Making The Bioreactor





Process of making the extraction









Advantages and Disadvantages of IBC Tote

1.Easy and quick to make

2.Can monitor the moisture easy

3.Sides don't dry out

4.Can stack them

1.Hard to Scoop out

2.Limited to size

Tools

1. Dissolved Oxygen Meter
2. PH Meter
3. EC Meter
4. Refractometer
5. Metering Tubes
6. 3ft Thermometer
7. Wilger Flow Monitors
8. Turbo Teejets