

INDOOR COMPOSTING

GUIDELINE: HOW TO USE

I use an Indoor Bio-Composter of 25Litre capacity, bought from Mata-Cinta.

(To buy, you can contact Pak Wido – 0811161186)

Alongwith the Composter, you get a Bio-activator liquid, an empty spray bottle and instructions written on top (in Bahasa).



There is a tap at the bottom and a separator inside the Composter.

Step 1:

Prepare your activator liquid by mixing 1 bottle cap of Microbe Bioactivator with 1/2 litre of water and store in the empty spray bottle. Shake the bottle well.



Step 2:

Throw your segregated wet organic waste like vegetable and fruit peels, dried leaves from your garden, tea, coffee, egg shells, meat, bone, left-over food etc. in the composter.

Preferably the organic waste should be cut into smaller pieces for faster decomposition.

Close the lid properly.

Please **DO NOT THROW** any non-organic waste into the composter.



Step 3:

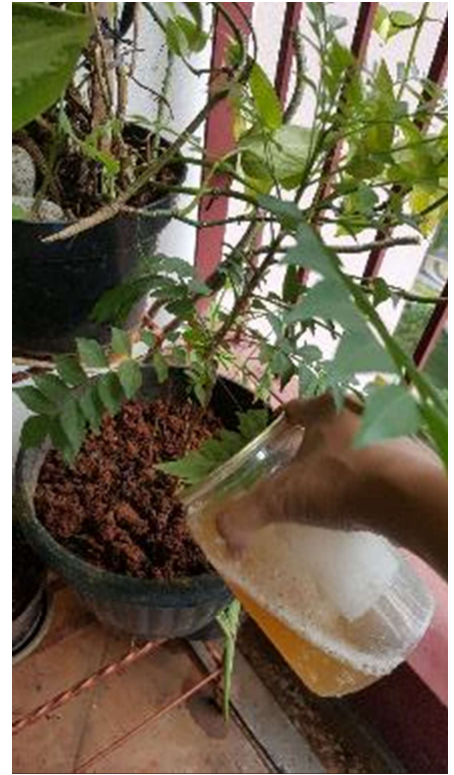
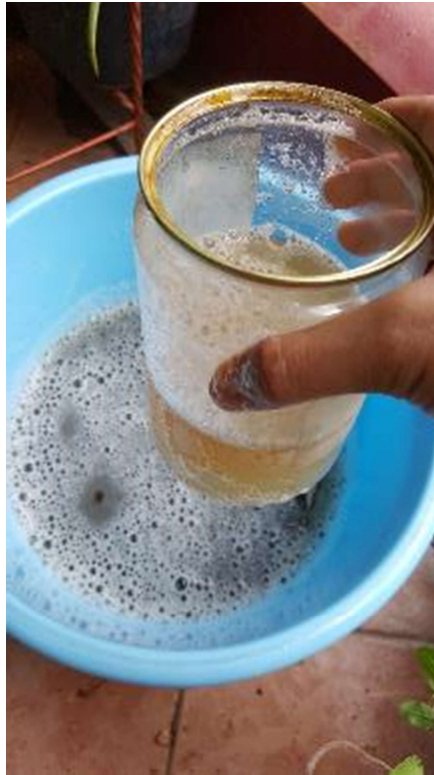
Spray the diluted Bioactivator liquid (4-5 times) over the waste evenly. Mix it well with a spatula.

Whenever you throw the wet waste into the Composter, spray the liquid sufficiently.

Shuffle the waste with a spatula every two to three days.



After regularly using it for a week, the liquid fertilizer will start getting collected at the bottom of the Composter.



Step 4:

This liquid fertilizer should be first diluted with water (2 bottle caps of liquid : 1 litre of water) before using it for watering your plants. Repeat this process daily and nourish your plants. And have a wonderful organic garden in your house!

Please Note:

- Shuffle the waste and spray the liquid regularly.
- In case, the composter is full with waste, then let it sit for few days and repeat the above process.
- Citrus fruits will result in a sweeter smell from the liquid fertilizer. Meats and fish will mean a stronger smell from the bucket and will take longer to breakdown.
- The lid sits on the bucket but does not click close. This is an intentional design to make it user friendly. Place a heavy object on top if you want to make it more secure.
- Leaking: if you experience leaking from the taps you can unscrew the top of the tap and look inside to see if there is a blockage that could be putting

pressure on the valve, causing it to leak. Make sure the tap is tightly attached to the bucket, use a wrench to secure it.

- If fruit flies get in to your bucket they could lay eggs which will grow in to maggots. This is not actually a problem and they will help to decompose your waste. If you want to get rid of the maggots however, placing a layer of sawdust, rice husk or soil in the bucket and leaving it for a few days should be sufficient to kill them off.
- If you find the decomposing process has slowed down, adding some carbohydrates to your bucket (such as cooked pasta, rice or bread) will act as food for the microbes and should help to speed up the process again.
- When you water the plants with the liquid fertilizer, there will be a strong stinking smell in the room for sometime. Hence, I always close the balcony door after watering the plants and leave the room for a while.
- To get the soil fertilizer, let the organic waste decompose into a compost pulp for few months. It will look like a blackish moist pulp. Empty the composter and air-dry the compost pulp. Mix compost with rice husk/ sawdust/ wood shavings/ hay with proportion 1:2. Your soil fertilizer or animal feed is ready!
- You can also make a Bioactivator at home by fermenting 1 litre liquid fertilizer with $\frac{1}{4}$ th litre Bioactivator.
- Once, you start composting, you will realize 60% of your waste are being diverted from landfills to your organic garden!

THANK YOU!