



Making microbes work for you

# EM<sup>®</sup> Compost Fermented Food Waste

EM Composting is an anaerobic fermentation of household food waste by EM Bokashi. The nutrients in food waste are preserved and converted into a plant fertilizer. This process helps close the food loop and prevents disposal of food waste by incineration or into landfills. The compact bin is also suitable for urban homes.

## Materials / 材料:



EM<sup>®</sup>Bokashi



Airtight bucket for food waste fermentation  
可密封的有盖桶



Food waste  
厨余



Newspapers  
报纸



Spoon  
汤匙

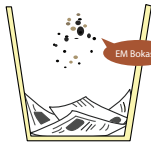


Spatula  
勺子



EM<sup>®</sup> Ceramics Powder  
(facilitates the fermentation if used)  
EM<sup>®</sup> 陶瓷粉  
(有利于发酵)

## Procedure / 制作方法



- 1 Line with newspaper the sieve in the bucket and sprinkle a small amount of EM<sup>®</sup> Bokashi on the newspapers.  
把报纸铺在密闭桶盖上过滤网的底层, 然后将少许EM<sup>®</sup> Bokashi 撒入桶里。

Make sure the food waste is not too moist. This will cause rotting and foul odor.  
确保厨余不会太潮湿以避免腐烂和臭味。



- 2 Add food waste. Sprinkle EM<sup>®</sup> Bokashi every time you add food waste and mix them well.  
倒入厨余。再度加入EM<sup>®</sup> Bokashi 至足够掩盖厨余。加入新厨余时务必将它们与EM<sup>®</sup> Bokashi 混合好。

Sprinkle a little EM<sup>®</sup> Ceramics powder on the surface when the odor appears.  
当发出气味的时候, 把少许的EM<sup>®</sup>陶瓷粉撒在表面上。

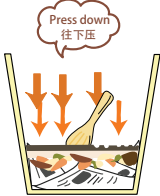


- When adding food waste, mix only the new waste with EM<sup>®</sup> Bokashi (It is not necessary to mix everything in the bin).  
只要在新增加的厨余上加入EM<sup>®</sup> Bokashi (没有必要混合桶中的一切)。

Tip



It is better to store EM<sup>®</sup> Bokashi in an airtight container to prevent a drop in quality. It is recommended to mix 300~500g of EM<sup>®</sup> Bokashi with 1 teaspoon of EM<sup>®</sup> Ceramics powder.  
把EM<sup>®</sup> Bokashi储存在密封的容器里以确保它的品质。建议把300-500g的EM<sup>®</sup> Bokashi和1小茶匙的EM<sup>®</sup>陶瓷粉搅拌在一起。



- 3 Sprinkle enough EM<sup>®</sup> Bokashi on the food waste to cover and press down to release air before closing the lid of the bin tightly.  
再度加入EM<sup>®</sup> Bokashi至足够掩盖厨余。适度力量压缩厨余后才把桶密封好。

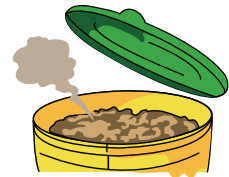


- 4 Remove the liquid fertilizer at the bottom frequently.  
\*Dilute the liquid fertilizer with water (500~1000times) before use.  
发酵期间, 可不时从密封桶底部取出肥料液体。  
\*肥料液体需用水稀释500-1000倍方可使用。



- 5 Repeat the steps 2 - 4. After the bin is full, let it sit, tightly closed, for at least one month to ferment. Keep out of direct sun at room temperature.  
重复 2 至 4 的步骤。当发酵桶装满后, 再度加入EM<sup>®</sup> Bokashi 至足够掩盖厨余, 接着紧压厨余并把桶密封放置在免太阳直射的地方以进行发酵1个月。

regularly remove the liquid fertilizer.  
定时清除液状的肥料。



- 6 When the sour fermentation smell is present, it is ready to be buried in the soil. White mold is good if it appears.  
发酵完成后, 就可把发酵物埋在泥土里。如果出现白色霉是好的, 无害。

## Note / 小笔记:

- Newspapers is used to prevent clogging and help to filter leachate (liquid fertilizer) of the food waste. Also, it is easier to wash the bucket after use.  
报纸是用来防止阻塞及过滤厨余溢出的水分。它也让使用后的桶方便冲洗。
- Add the food waste into the bin right after you collect them.  
收集的厨余后立即将他们倒入桶里。
- Keep out extra moisture from the food waste as much as possible before adding into the bin.  
避免厨余过于潮湿。
- Cut the food waste into small pieces.  
把厨余切成小片状。
- Remove the liquid fertilizer on the bottom of the bin frequently.  
记得定时从桶的底部取出液状肥料。

IMPORTANT!  
Air may enter the bin from the tap or the lid and cause foul odour. Remember to keep the bin airtight at all times!