

BioBag used for collecting food waste in a closed bin, compared to a ventilated bin

The following laboratory results can be documented:

1) BioBag in a closed bin :

Day 4



Day 7



Day 4

Mould observed and a bad smell detected.

Day 7

High level of moisture. The bag is very wet and the waste is covered with mould. The waste produces very bad smells.

2) BioBag in MaxAir ventilated bin

Day 4



Day 7



Day 4

The bag is still dry. No sign of mould.

Day 7

The surface is dry, minimal growth of mould and very little moisture at the bottom. No bad smell is detected.

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It starts in the Kitchen...



...and ends up in your garden!

"There are in nature neither rewards nor punishments - there are only consequences."

Robert G. Ingersoll (1833 - 1899)

It starts in the kitchen:

- High quality compost is only achieved through proper pre-sorting of food waste, and it all starts in the kitchen.
- The highly breathable and compostable BioBag, combined with the MaxAir ventilated bin, makes pre-sorting food waste easy and hygienic for households, as well as for waste collectors and composting facilities.
- Together with the ventilated bin, the Bio Bag ensures good ventilation and allows the moisture in the waste to evaporate.
- Due to the moisture evaporation, the waste dries out. This means that the waste does not rot and that unpleasant smells are reduced.
- BioBag has a very high penetration barrier against bacteria, viruses, spores and mould.
- BioBag is 100% compostable and is certified under the European norm EN-13432 and the US standard ASTM D6400-99
- BioBag in combination with the ventilated bin is the world's leading system for pre-sorting food waste.
(Ask for references!)

A practical waste-sorting rack:

The ventilated bin is adapted to one of the market's top-selling sorting-racks for kitchen cabinets. The sorting-rack is fitted on tracks, making all the bins easily accessible.



The ventilated bin attached to the door and two 10-litre waste bins placed in the sorting rack.



The ventilated bin with one 10-litre waste bin in the sorting rack.

The BioBag degrades within 10 - 45 days!



A	B	C	D	E
Test start	After 10 days	After 20 days	After 30 days	After 40 days
Mater-Bi samples	Weight loss 32.1%	Weight loss 55.7%	Weight loss 69%	Weight loss 90%

These pictures illustrate the biodegradation of the raw material Mater-Bi under composting conditions.

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