



BIOLAN

CREATING GREENER WORLD

What is composting ?

Composting is an aerobic method (meaning it requires air) of decomposing organic solid wastes. It can therefore be used to recycle organic material. The process involves decomposing organic material into a humus-like material, which is a good fertilizer for plants.

The waste is decomposed primarily by the bacteria, fungi, ray fungi and earthworms assisted by a number of most diverse micro-organisms.

Composting happens in three phases: warming phase, hot phase and cooling phase. The occurrence of the phases depends on the waste being composted and the method applied.

A well-functioning compost heats up to 30-50 degrees in a high-quality composter in a few days.

More: <https://www.biolan.com/articles/what-is-composting>

Basic needs.

A good compost never comes about by chance. The decomposing micro-organisms have very specific demands concerning the conditions in the compost. The basic requirements for efficient decomposing are sufficient supplies of oxygen and nutrients, as well as suitable humidity and temperature.

More: <https://www.biolan.com/articles/the-basic-needs-of-the-compost>

Proper functioning of the compost also requires that suitable bedding is used. It keeps the compost airy and absorbs odours and excessive moist. When composting garden waste, which is poor in nutrients, it may become necessary to add nutrients among the waste.

Adding bulking material is absolutely necessary in particular when composting household waste.

<https://www.biolan.com/articles/bedding-and-nutrient-additives>

Use of different composters

- **Garden composter:**

- tree leaves
- vegetable tops
- grass cuttings
- chipped branches and flower stems
- dried weeds
- household bio waste that does not attract rodents
- pot soil and plant residues
- vegetable peels
- remains from cleaning mushrooms or berries
- dust from sweeping

- **Household composter**

- all household bio waste, such as
- fruit and vegetable peels
- leftovers of meat or fish and other food waste
- coffee or tea grounds with filter bags
- boiling and rinsing water
- soft and wet papers
- crushed eggshells
- pet excrements
- natural fibres in small pieces
- biodegradable packages (good quality)

Biolan Biowaste Composter

A light version for summer homes and small families.

Suitable for kitchen waste.

Effective ventilation.

The dense structure prevents the entry of harmful animals and insects.

Closed container. Light lid.

No bad smell (bulking material is required).

Easy and tidy to empty through the lower door.

Biolan bulking material is the best to speed up composting process.







Biolan Quick Composter 220

For year-round composting of bio-waste. Eco 220 is for 1-6 people.

Adjustable ventilation valve. Patented ventilation system.

Effective thermal insulation, also on the bottom.

Suitable for every climate.

The cover design restores the condensation to the mass.

Tight, strong structure, durable and long lasting.

Adverse animal protected.

20-year warranty (required for product registration).











Biolan Garden Composters

Spacious 900L garden composter and 450L semi- insulated garden composter. Strong, weather resistant and frost resistant.

Suitable especially for composting garden waste.

Adjustable air valve on composter cover (900L). Air distribution channels are formed in the bottom sump of the composter (450L)

Dense structure prevents the compost mass from drying out .

The conical shape allows the composter to be emptied conveniently by lifting it off the compost mass.

The landscape model is well suited to the environment.

Optional aluminum baseplate (rodent protection) available.







Biolan Peat free Bulking Material

Biolan Compost and Toilet Bulking Material is a blend made of pure, dried and ground conifer bark, moss and biochar for composting and dry toilets. Applying it regularly keeps the compost mass airy and ensures the composting is efficient and odourless. 35 L sack.

Biolan compost accelerator accelerates the composting of kitchen and garden waste and improves the quality of the resulting compost. Organic and 100% plant-based.



Why peat free ?

- Peatlands are a type of wetland which are critical for preventing and mitigating the effects of climate change, preserving biodiversity, minimising flood risk, and ensuring safe drinking water.
- Peatlands are the largest natural terrestrial carbon store. They store more carbon than all other vegetation types in the world combined.
- Damaged peatlands are a major source of greenhouse gas emissions, responsible for almost 5% of global anthropogenic CO₂ emissions. Peatland restoration can reduce emissions significantly.
- Countries should include peatland conservation and restoration in their commitments to international agreements, including the Paris Agreement on climate change.
- Peatlands are significant to global efforts to combat climate change and achieve other Sustainable Development Goals. Their protection and restoration are vital in the transition to a zero-carbon society. Emissions from drained peatlands are estimated at 1.9 gigatonnes of CO₂e annually. This is equivalent to 5% of global anthropogenic greenhouse gas emissions. We need to find alternatives where is possible to save wetlands.





Biolan Bokashi

The compost system (fermentation, Bokashi) converts food waste into a healthy and nutritious compost while extracting nutrient water for your flowers. Special compost straw helps to activate the composting of the organic waste. The compost can advantageously be placed under the sink, the balcony or elsewhere in the home.

Accommodates: 10 L

The lid and base are made of UPM composite waste and body is made ABS plastic.



Biolan Composting Accessories



Biolan Composter heater kit.

The Biolan composter heater helps to keep the compost mass melted during a long period of frost. Suitable for composter and composting toilet

Biolan Compost treatment kit: scoop and mixer.

The composter treatment kit is a utility kit for loosening and emptying the composter.

Includes Compost mixer, special scoop and wall mount.

