

What are beneficial bokashi microorganisms?

One of the key aspects of bokashi composting are beneficial microorganisms. In bokashi composting, we focus on microorganisms involved in bokashi fermentation. While they are naturally present on all organic material, they are introduced in bokashi composting in the form of a fermentation starter. The most common option is the so-called bokashi bran, which consists of water, sugar, bran, and microorganisms.

Furthermore, beneficial microorganisms are mixed cultures of positive, life-promoting, and naturally occurring microorganisms. As the word “micro” suggests, they are invisible to the naked eye. The main representatives are lactic acid bacteria, yeasts, photosynthetic bacteria, actinomycetes, and enzymatically active fungi. Aside from their use in bokashi composting, they are used in other fermentation processes that require fermentation starters. Some examples are milk kefir, yogurt, kombucha, sourdough bread, some sorts of wine, and so on.

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If we now shift our focus back to the bokashi composting, microorganisms do the heavy lifting of converting organic material into the bokashi cake and the bokashi liquid. By carrying out specific chemical and mechanical processes, they ensure that the nutritional value of the end products is very high. As such, they help maintain ecological balance and have many beneficial impacts on plants, animals, and human beings.