

Compost

In composts plant-based rubbish like vegetable rests or grass are transformed. Insects and other animals support this process.

Step by step insects and soil organisms such as the compost worm settle down. Every organic mass can be turned into compost as long as it's plant-based.

After some time, depending on the plant the rotting process begins. Easily degradable substances are split. Bacteria are as well helpful for this process. In this way it creates temperature of up to 65°C. This heat destroys seeds and pathogens. After that stage the temperature sinks to 30-40°C and mushrooms do the main work. In the end, when only the hard-degradable substances are left, the process slows down and the temperature sinks to about 20°C then the visible insects like worms and isopods do the work. This lasts until humus is created.

Compost worm:

Compost worms are sometimes placed on purpose or they find their way naturally to the compost. They can eat up to half of their own body weight and sort it out as humus. These worms speed up the whole rotting process.