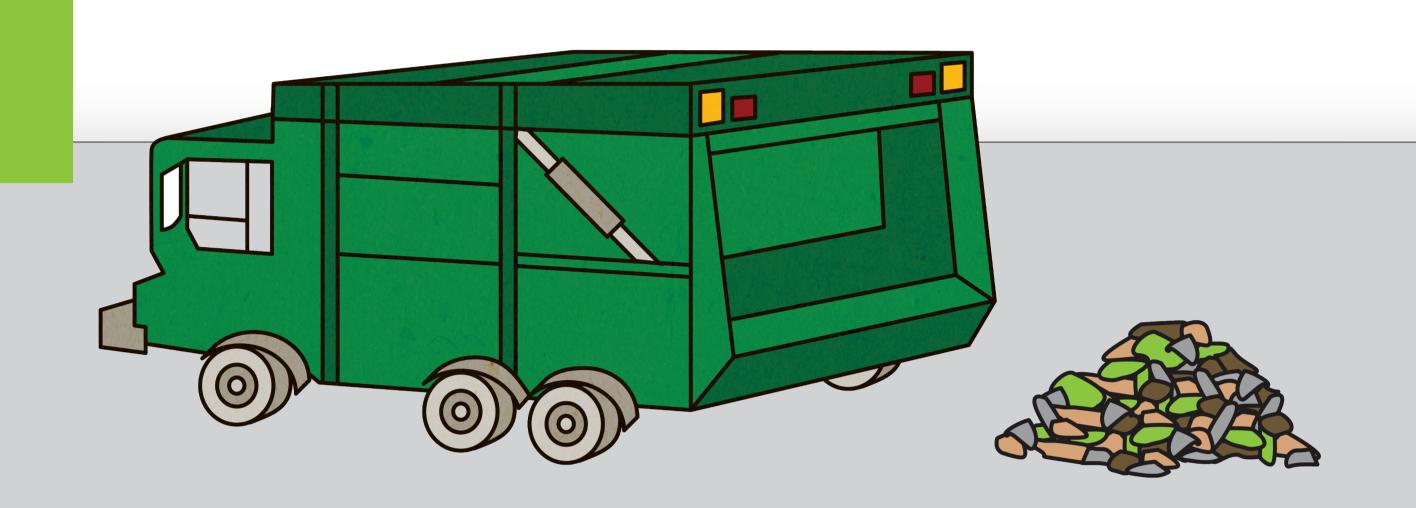
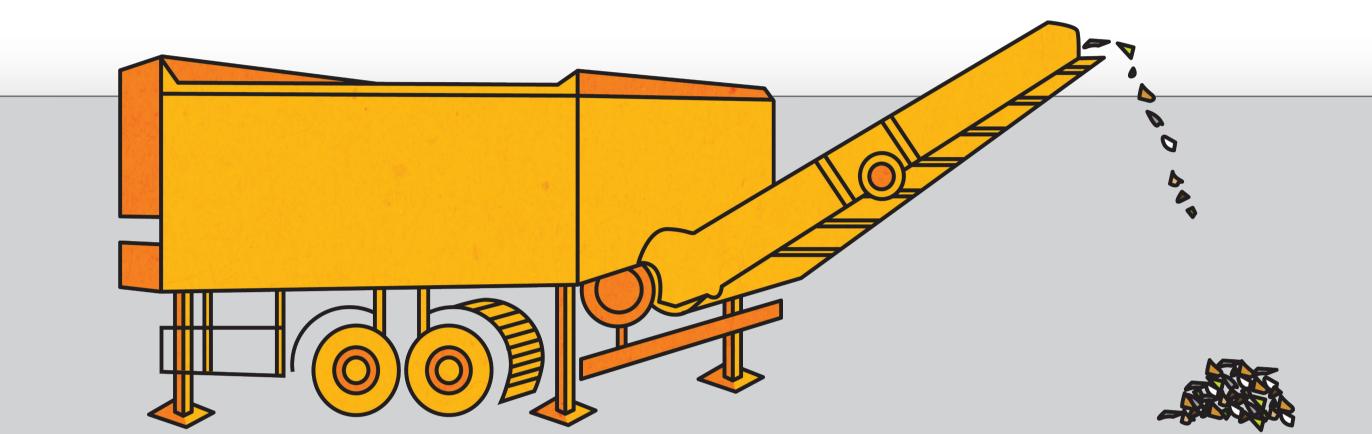
## IVC PROCESS MAP

Waste from kitchens and gardens has to be composted in a special way because it can contain meat and may contain bacteria which cause diseases. To make sure we are not going to spread animal diseases, we use a system called in-vessel composting that must comply with the Animal By - Products Regulations.

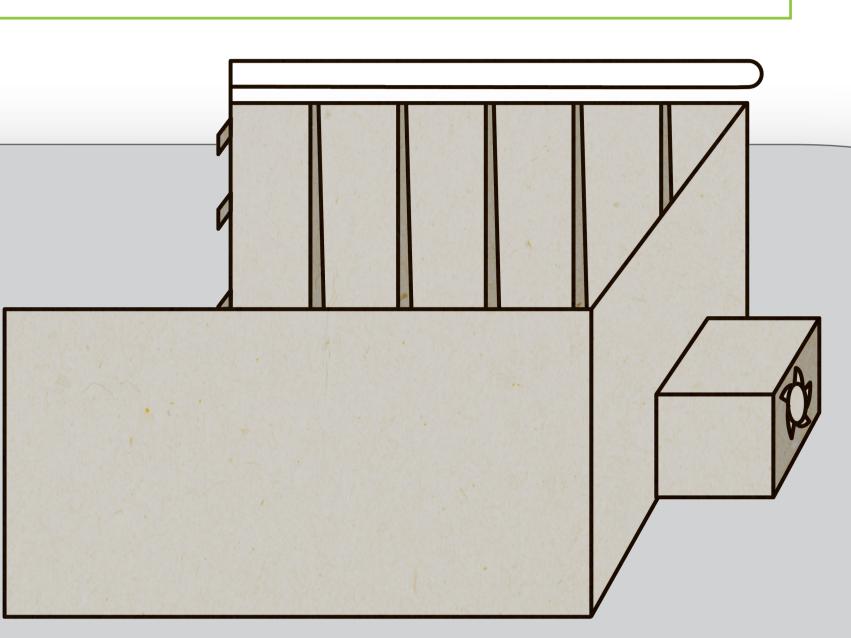
Kitchen and garden waste is collected from households and brought, by bin lorry, to the **reception hall**. Here it is **shredded** to make it smaller, which is better for **composting**.



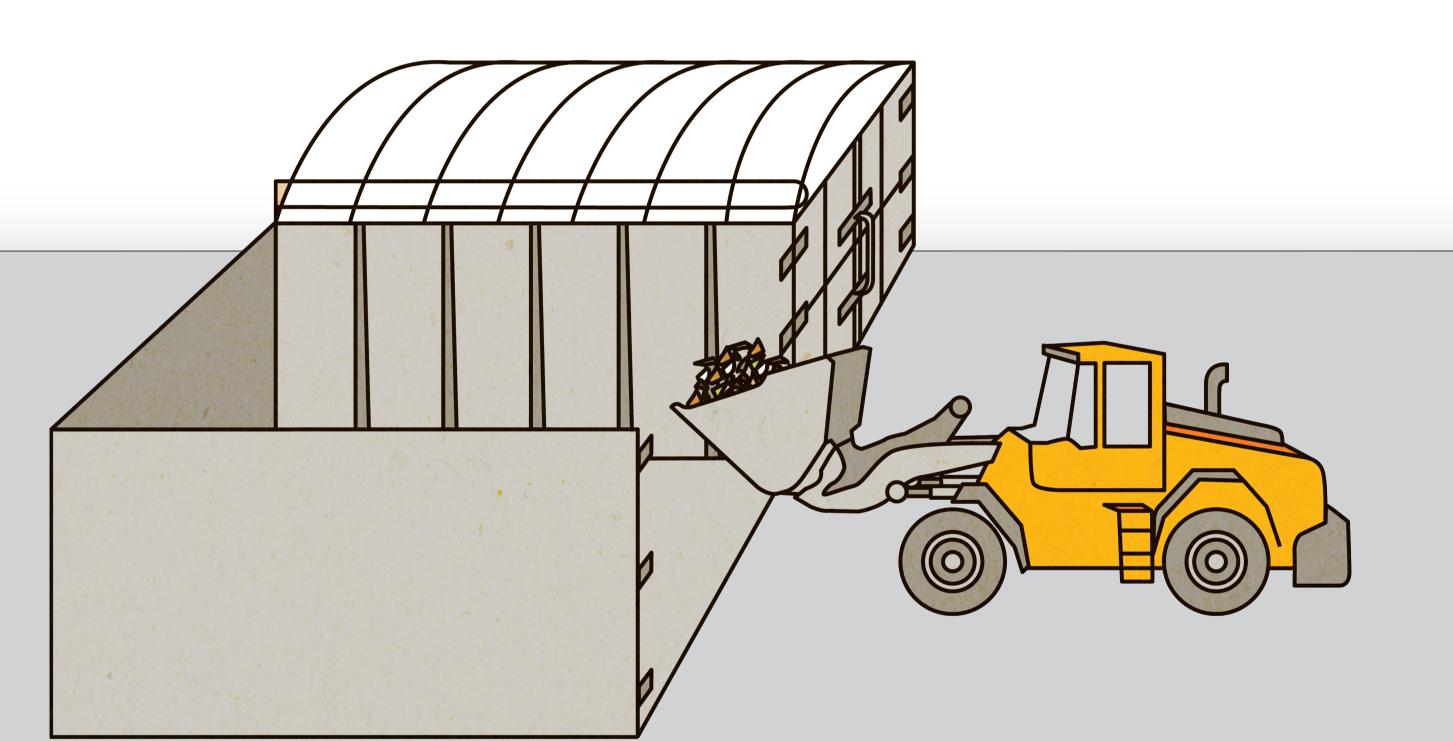


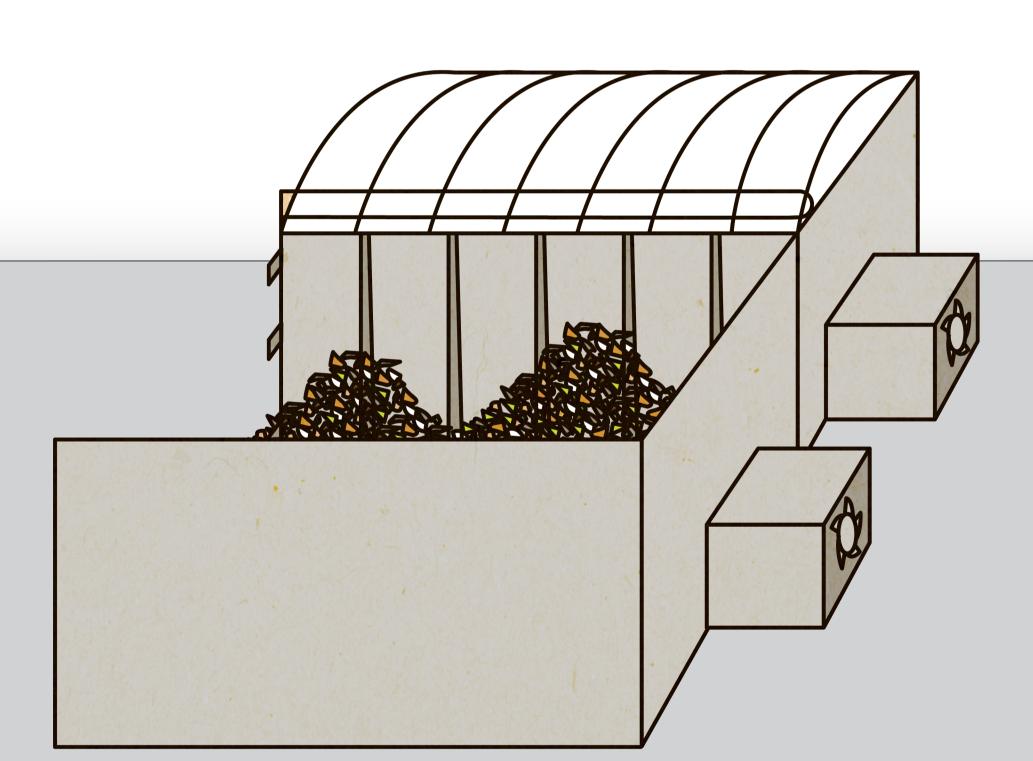
After **shredding**, the material is put into a **compost clamp**. This is a simple building with concrete walls and floor, a removable metal door and a retractable roof, designed to keep heat in and vermin out. Once the clamp has been filled, the door and roof are closed and the **natural composting** process begins with help from air that is blown in by fans.



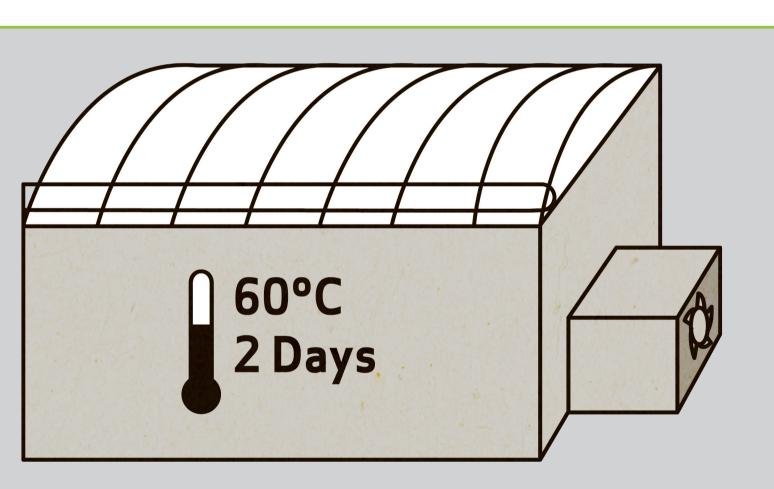


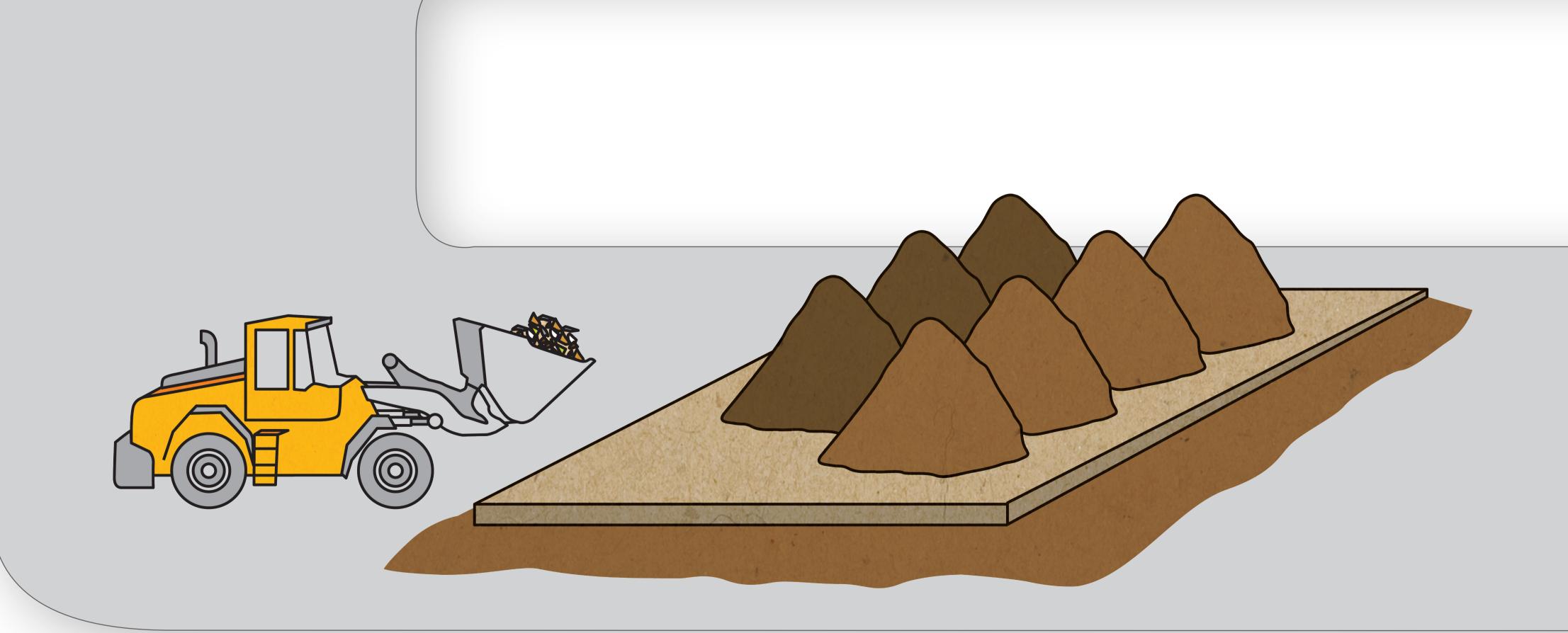
After a week the material is starting to turn into **compost** and it is moved to a **second clamp** where it stays for another week. Again, it must reach at least **60°C** for at least **2 days**. The reason for moving it from one clamp to another is to make sure that there aren't any "cold spots" around the edges.

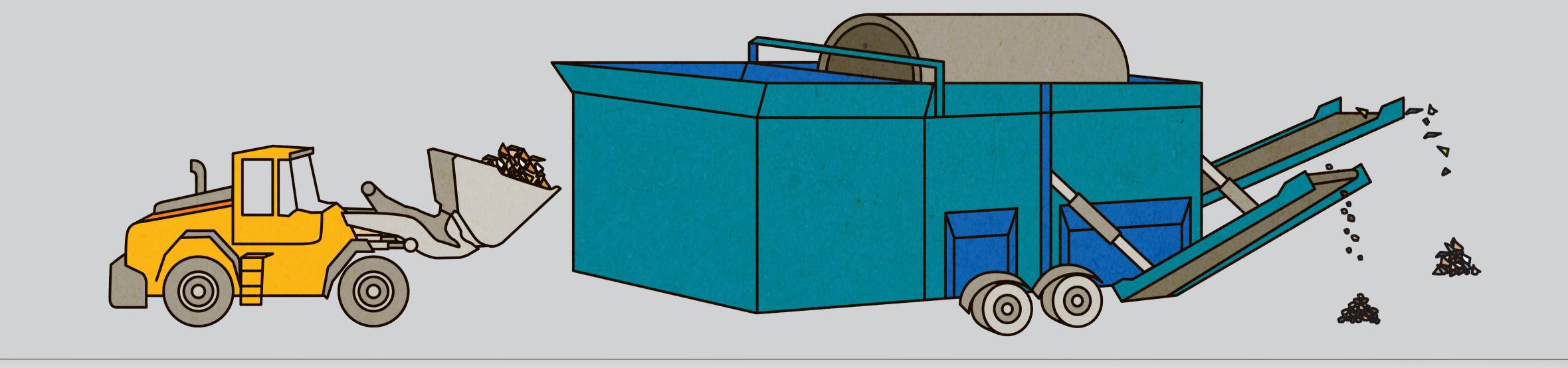


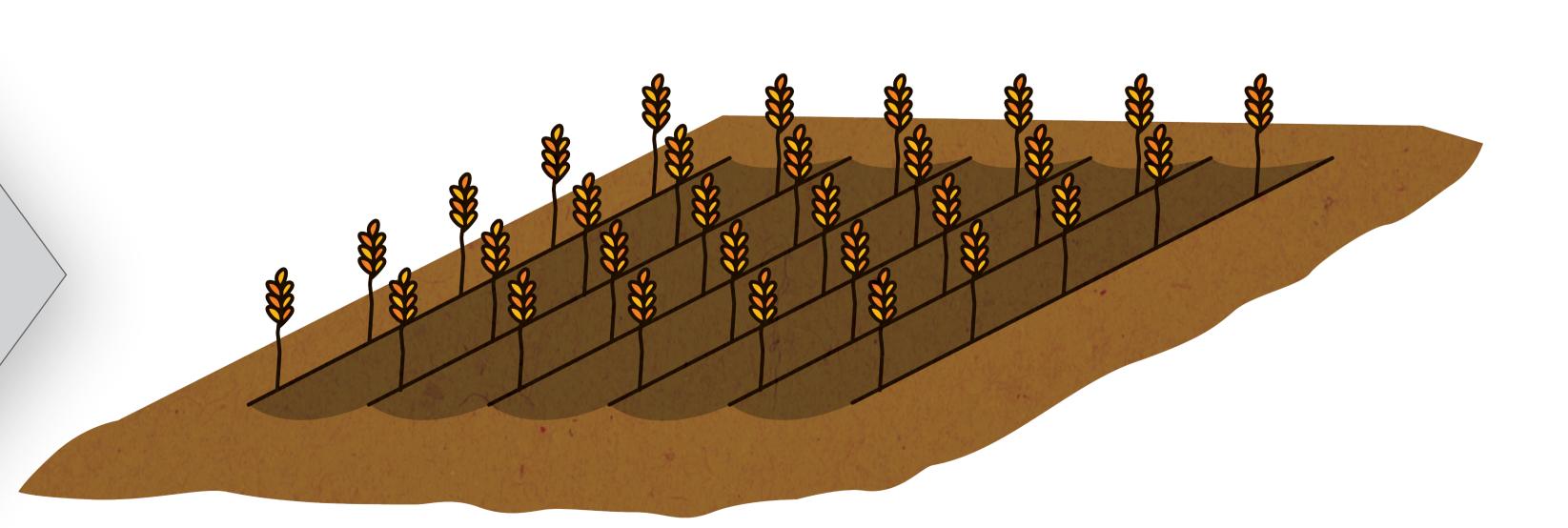


The material is kept in the clamps for a week and it must reach at least 60°C for at least 2 days. Temperature probes are put into the material in each clamp to ensure the correct temperature is reached.









After the clamps, the material is taken outside to a **concrete pad** to finish off **composting** for another **6 - 8 weeks**. By now all the food waste has turned into **compost** and so vermin aren't attracted to it.

The material then goes through a **screener**, which is similar to a **giant sieve**, to remove things that shouldn't be there such as **plastics**. Waste that won't rot down is sent to landfill.

We now have **compost** that is great for growing more food. This **compost** is free for anyone living in **Cambridgeshire** and can be collected near our main office for gardens or allotments. **Local farmers also use this compost to grow their crops**.