

Home-Made Organic Fertilizer

Fertilizer is an important input for plants and gardening purpose. The right amount of nutrition in the soil can make plants grow beautifully. However, some types of fertilizer, especially chemical fertilizer, can cause environmental degradation as the chemical components residue stays in the soil. To reduce such damage to the environment, organic fertilizers such as composts and animal manure are much better choices to make fertile soil.

In some societies, organic fertilizer has not been the popular one yet compared to chemical fertilizer. This project aims to introduce the use of and benefit of compost as organic fertilizer to local community. Using compost is not only good for the soil, but also good for waste treatment because it makes use of organic wastes instead of dump and burns it, thus, contributing to the reduction of carbon emission.

The main objectives of this project are to learn about the process of composting and to introduce the use and benefit of composting to local community. Several households will be asked for cooperation to separate their organic wastes and those wastes will be collected in a certain day of pickup. The collected organic wastes processed into composts. After the composts finished, they will be sent back to those participating households for their garden fertilizer. Moreover, I will create a flyer about compost, its benefit, and how to make it in our own backyard. Hopefully, through this project the participating neighbors can understand how to make compost from their own wastes and have initiative to do so, thus reducing a little amount of chemical fertilizer used in the community.

