

Organic fertilizer for plants

Each plant requires both macro and micronutrients for its growth while microbes help plants uptake nutrients from the soil. A good fertilizer should have Nitrogen, potassium, phosphorous, natural carbon, and other micronutrients and this can be used by all other plants.

Organic fertilizer benefits

Organic fertilizers increase the beneficial microbes in the soil that help the plant to uptake nutrients properly.

The fertilizer improves soil pH for dissolving nutrients into the soil.

Improves aeration in the soil which enables the soil and roots to get enough oxygen.

Increases earthworm quantity in the soil that helps to make the soil porous.

Organic fertilizer preparation

To make the fertilizer, you need a large container, and pour the required amount of clean water into it.

Add molasses or jaggery into the water.

Add cow dung compost into the water. In the absence of cow dung compost, you can use dry cow dung.

Add gram flour that's made by grinding chickpeas.

Mix all the contents using a stick. After mixing, cover the mixture and keep it in a shade for at least 7 days and after this, it will be ready for use by plants.

To use the fertilizer, filter the mixture and mix it with water in a ratio of 1:10, and this can be poured directly into planting soil and can be used once every month.

To make 5 liters of the fertilizer, mix 5 liters of water, 500g of dung compost, and 250g of gram flour, and 250g of jaggery.