

### DESCRIPTION

HomeBiogas fertiliser is a high quality liquid-based fertiliser produced from HomeBiogas systems. When applied, the fertiliser can accelerate plant growth and resilience to diseases.

The fertiliser is essentially the discharge from the digester tank. This discharge, the result of a long digestion process, is packed full of various macro and micro nutrients in the right form for rapid absorption by plants. The presence of both macro and micro nutrients make HomeBiogas fertiliser a good choice for most gardening and small-scale agricultural purposes.

HomeBiogas fertiliser, while providing many benefits to plants, does not help to improve soil properties. Hence, it should be paired with some amount of soil amendment for best performance.

### FEATURES

HomeBiogas fertiliser has the following properties that differentiates itself from many commercial fertilisers:

- Contains many macro and micronutrients for a more well-rounded fertiliser.
- Nutrients exist as solute in the fertiliser, hence are quickly absorbed by plants.
- Liquid form allows quick and easy application to plants.

### METHOD OF APPLICATION

HomeBiogas fertiliser can be applied to plants via two methods: root drench or foliar spray.

- Root drench: pour fertiliser directly into surrounding soil.
- Foliar spray: use a spray bottle to spray fertiliser onto plants' leaves. Only use this method of application if you have the chlorine tablet in the drain pipe.

### HOME BIOGAS

HomeBiogas, based in Israel, is a leading company for the most efficient, cost-effective, low-maintenance, and durable household biogas systems in the market. With over 10 years of research and development, HomeBiogas is determined to bring the Biogas facility to every home in the world.

### PROPERTIES

Specifications	HomeBiogas fertiliser*
Nitrogen	260mg/L
Phosphorus	20mg/L
Potassium	275mg/L
Micronutrients present	Ca, Mg, S, B, Cu, Fe, Mn, Zn
E. Coli	<10 cfu/100mL
Fecal Coliforms	<10 cfu/100mL
E. Coli O157:H7	none
L. Monocytogenes	none
Salmonella	none
V. Cholerae	none

\*Numbers may vary depending on the type of waste input into the system.

### APPLICATION RATE

The fertiliser should be diluted with water at a 5:1 ratio of water to fertiliser before use.

The following is a suggestion for rate of application to plants.

- Flowers: 3.5 litre weekly per plant.
- Trees: 15-20 litre weekly per plant.
- High nutrient needs vegetables: 5-10 litre weekly per plant.
- Low nutrient needs vegetables: 3-5 litre weekly per plant.

### SAFETY MESSAGE

HomeBiogas fertiliser comes directly from digester tank, hence will contain high number of bacteria. Ensure that the chlorine tablet is in place in the drainpipe, especially if the fertiliser is used for foliar spraying. The fertiliser needs to sit for at least 1 day for the chlorine to disinfect the liquid and biodegrade.