

ORGO NEEM

Neem Seed Fertilizer

Fertilizer, Nitrification Inhibitor & Pest Repellent

Organic amendment for use in Agriculture, Horticulture, Floriculture and Turf Management

ORGO NEEM is a natural organic fertilizer approved for use in organic systems by Organic Farmers & Growers (UK) and OMRI (USA). It has shown tremendous potential as a fertilizer and is widely used for sustainable agriculture as well as horticulture application. When ploughed into or mixed with the soil, ORGO NEEM acts naturally as a broad spectrum defense mechanism which works against a wide variety of phytonematodes and soil borne insect-pests, thereby improving root development and in turn plant growth and yield.

This dual activity of ORGO NEEM as a fertilizer and a pest repellent has made it a favoured input and is widely used in cultivation of cash crops

Nutrient Content:

Organic matter 70-80%, Nitrogen 2.50 – 3.5 %, Phosphorous 0.50 – 1.0%, Potassium 1.25 – 1.5%, Calcium 0.75 – 1.0%, Magnesium 0.75 %, Sulphur 1.2 – 1.5%.

Eco Friendly Advantages:

- It is a wholly organic plant food which increases productivity and soil fertility and ultimately soil health. Application of ORGO NEEM to crops provides them with various essential nutrients and prevents and treats ailment disorders of plants due to lack or imbalance of nutritious trace elements.
- It helps in increasing the uptake of nutrients by plants and improves yield as the nutrients are released into the soil uniformly and over a longer period of time unlike in the case of conventional fertilizers.
- It is active in increasing the growth and foliage, resulting in rich blossoming and strengthening of the roots, all of which help to improve the general appearance and quality of fruits and vegetables.
- It protects the crop against damage caused by soil insect-pests, fungi, bacteria and nematodes by way of reducing the numbers of such pathogenic organisms.

- Studies conducted by the Indian Institute of Horticultural Research Bangalore have shown that an application of Neem seed fertilizer on nursery beds can reduce *Root-Knot* and *Reniform* nematodes by more than 80%, thus resulting in healthy and vigorous seedlings/saplings. In protecting young plants from insect-pests, ORGO NEEM allows them to grow sufficiently to build up their natural defenses and augments them with its nutritional and pest repellent properties.
- It can also reduce alkalinity in the soil by producing organic acids when mixed with the soil. The calcium and magnesium present in it also assist in reducing alkalinity.
- It acts as an excellent nitrification inhibitor. By curbing the activity of nitrifying bacteria like *Nitrosomonas* and *Nitrobacter*, it reduces the nitrification rate which ensures availability and controlled release of Nitrogen required for the crop during its critical growth stage. Hence by coating or blending with chemical fertilizers (UREA, DAP etc.), use of these chemical fertilizers can be reduced by up to 30%
- It helps in increasing the soil beneficial micro flora and fauna.
- ORGO NEEM is safe for earthworms and in fact a more than 20% increase in their population has been reported.

Application Guidelines:

Working ORGO NEEM into the soil by ploughing and mixing with the soil gives better results than surface application. Apply with any standard fertilizer spreader and incorporate into top 10-15 cm of soil.

ORGO NEEM can be used by itself or can be combined with chemical fertilizers or organic manures such as farm yard manure, poultry manure, compost, press mud etc. Though we recommend mixing at least 25-50% of ORGO NEEM, even as little as 10% shows excellent results. The quantity of chemical fertilizers can be reduced gradually.

It can also be combined with potting compost for better results.

Dosage:

200 kg to 300 kg / hectare

Formulation:

Available in pellet form and as a coarse powder

Packaging:

1 ton jumbo bag

50 kg HDPE bag

25 kg HDPE bag

For gardens:

7 Kg plastic bucket

2 Kg plastic bucket/box

Storage:

Store in a cool, dry, & covered place. Avoid storing in direct sunlight.