

ORGO NEEM CAKE

Grade 2.75 – 1 - 1

Neem Seed Fertilizer

Fertilizer & Nitrification Inhibitor

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

ORGO NEEM CAKE 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 CAKE acts naturally as a broad spectrum defense mechanism which improves root development and in turn plant growth and yield.

Neem is known to have natural repellent qualities due to its bitter taste and odor. This dual activity of ORGO NEEM CAKE as a fertilizer and repellent has made it a favored input and is widely used in cultivation of cash crops and plants.

Guaranteed Analysis:

Total Nitrogen _____ 2.75%

0.4% Ammoniacal Nitrogen

1.0% Nitrate Nitrogen

0.6% Water soluble Nitrogen

0.75% water insoluble Nitrogen

Available Phosphoric acid (P_2O_5) ----- 1%

Soluble Potash (K_2O)..... 1%

Calcium (Ca) _____ 1%

Eco Friendly Advantages:

- It is a wholly organic plant food which increases productivity and soil fertility. Application of ORGO NEEM CAKE 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.
- 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%. ORGO NEEM CAKE allows plants/crops to build up their natural defenses and augments them with its nutritional and 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 CAKE is safe for earthworms and in fact a more than 20% increase in their population has been reported.

Application Guidelines:

Working ORGO NEEM CAKE 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 CAKE 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 CAKE, 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:

440 lbs /200 kg to 660 lbs /300 kg / hectare

Formulation:

Available in pellet form and as a coarse powder

Packaging:

For commercial use:

50 lbs/22.72 kg LDPE bag

For home and garden:

7 Kg plastic bucket

2 Kg plastic bucket/cardboard box

Storage:

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

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