

NEEM POWDER

Neem Powder is the residue that can be used after Neem seed kernels are crushed for their oil. These seed kernel contains high amount of nutrients like NPK (nitrogen-phosphorus-potassium) as well as nortriterpenoids and isoprenoids. These nutrients are nematicidal in nature so the seed cake ends up with these properties. **Neem Powder** is used in agriculture, horticulture, floriculture and the turf industry as an organic fertilizer as well as a natural nematicide. Neem cake is used as an organic fertilizer because of the various micro and macro nutrients which it is composed of. It will control soil based pathogens as well as nematodes at the same time. It will also inhibit nitrification of the soil plus enhance the efficiency of nitrogen providing fertilizer.

There are many reasons to use **Neem Powder** in your garden, but here are some of the most compelling reasons.

It's completely Organic & Biodegradable

Since it's derived from the neem tree, it's a biodegradable compound and breaks down quickly providing natural growth to your plants. Usage of Neem cake leads to a significantly reduced chemical fertilizer demand. In fact, in most cases, chemical fertilizer dosage can be reduced by 25 to 30% in the first year of application of our organic fertilizer.

Better yield than conventional Urea and Fertilizers

In comparison to urea which is a nutrients collector neem cake itself contains nutrients for the plants and maintain power of soil. Our studies have shown that Neem cake provides better yields than conventional alternatives while preserving and improving the soil quality.

Rich source of NPK and other Micro Nutrients

Its rich source of NPK other micro nutrients ensure to improve the soil quality. It works primarily by increasing the humus content of the soil. It is an all-purpose organic soil conditioner, ideal for low organic matter soils.

Nematodes Prevention

Control Nematodes and other soil pests such as Haplolaimus indicus Helicotylenchus Sp, Pratylenchus Sp, Meloidogyne incognita, M. javanica (root knot nematode). Tylenchorhynchus Sp and Rodopholus similis. This broad spectrum defense helps roots to absorb adequate nutrient to and give better yield.

Safe for Earthworms

Most conventional fertilizers/pesticides will kill off earthworms, removing a vital piece of your soil's ecosystem. Neem won't harm them, in fact, they'll thrive in a neem environment.

Improves Soils' Organic Content

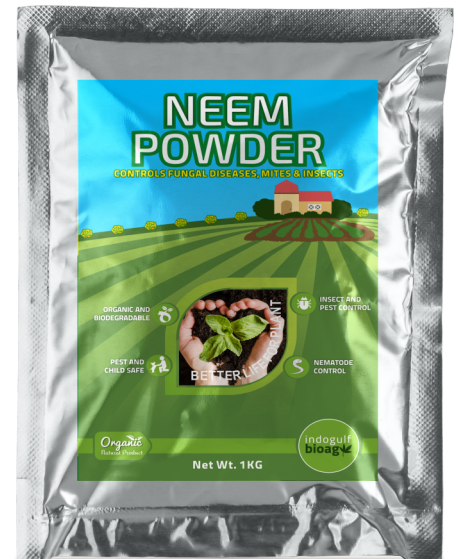
Neem Powder also reduces alkalinity in soil, as it produces organic acids on decomposition. Being totally natural, it is compatible with soil microbes, improves rhizosphere micro flora and hence ensures fertility of the soil. Neem Cake improves the organic matter content of the soil, helping improvement in soil texture, water holding capacity, soil aeration for better root development.

Can be combined with Other Fertilizers

When Neem Cake is used with urea and other fertilizers with nitrogen in them, it increases their efficiency because neem cake reduces the rate of nitrification. That means the nitrogen is released slowly increasing the time of nitrogen presence in the soil. This makes the soil become more fertile to provide better yields.

Neem Powder insecticide works as a systemic in many plants when applied as a soil drench. This means it is absorbed by the plant and distributed throughout the tissue. Once the product is in the plant's vascular system, insects intake it during feeding. The compound causes insects to reduce or cease feeding, can prevent larvae from maturing, reduces or interrupts mating behavior and, in some cases, the oil coats the breathing holes of insects and kills them.

It is a useful repellent for mites and used to manage over 200 other species of chewing or sucking insects according to product information, including: Aphids Mealybugs Scale Whiteflies.



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