



## Farmsuta Bhumi Rakhsak 84

### Description

**Farmsuta Bhumi Rakshak 84** is a byproduct obtained during the extraction of oil from neem seeds (*Azadirachta indica*), a tree native to the Indian subcontinent. After the oil is extracted, the remaining seed kernel is crushed and processed into a coarse powder or cake-like substance. Neem cake is rich in organic compounds, nutrients, and bioactive compounds, making it a valuable organic fertilizer and soil amendment in agriculture and gardening.

Here are some key characteristics and uses of neem cake:

- Nutrient content:** Neem cake contains various nutrients essential for plant growth, including nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, and trace elements. It also contains organic matter, amino acids, vitamins, and enzymes that contribute to soil fertility and plant nutrition.
- Nematicidal properties:** Neem cake contains natural compounds such as azadirachtin, salannin, and meliantriol, which have nematicidal properties. These compounds can suppress soil-borne nematodes and other pests, reducing their population densities and preventing damage to plant roots.
- Soil conditioning:** Neem cake improves soil structure, fertility, and microbial activity when incorporated into the soil. It enhances soil aggregation, water retention, and aeration, leading to better root development, nutrient uptake, and overall plant growth.
- Organic fertilizer:** Neem cake acts as a slow-release fertilizer, providing a steady supply of nutrients to plants over time as it decomposes in the soil. It releases nitrogen gradually, preventing nutrient leaching and promoting balanced nutrient uptake by plants.
- Soil amendment:** Neem cake improves soil health and suppresses soil-borne pathogens and pests when used as a soil amendment or top dressing. It helps to control fungal diseases, bacterial pathogens, and insect pests while promoting beneficial soil microorganisms and earthworm activity.
- Sustainable agriculture:** Neem cake is an environmentally friendly alternative to synthetic chemical fertilizers and pesticides. It is non-toxic to humans, animals, and beneficial insects and does not harm the environment when used according to recommended dosages and application methods.

Neem cake is available in various forms, including powdered, granular, and pelletized, and can be applied to soil or used as a foliar spray for plants. It is commonly used in organic farming, horticulture, floriculture, and home gardening to improve soil fertility, enhance plant growth, and manage pests and diseases in a sustainable manner.

**Content**

Raw Neem Khali

**Dosage**

25 to 30 Kgs per Acre (8 to 10 Kgs per Bigha)

**Packing Size**

2 Kg, 5 Kg,

**Date Created**

April 16, 2024

**Author**

farmsuta-com

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