

Neem Cake

TECHNICAL SHEET

Neem Cake is organically certified OMRI and organically obtained from the cold-crushed residue of the neem seed kernel. This extraction gives **Neem Cake** superb nutrient content specifically in its high azadirachtin content and NPK value. Good for all soils, all crops, all seasons. It works primarily by increasing the humus content of the soil and is an all-purpose organic soil conditioner, ideal for low organic matter soils and significant reducer of chemical fertilizer demand. Its natural repelling properties and NPK value plus nutrient content make it an ideal 2 in 1.

BENEFITS:

- In conjunction with nitrogen fertilizers, it increases nitrogen fertilizer use efficiency in plants by slowing down the process of nitrogenous compounds like ammonia, nitrates and inhibits nitrification.
- Can save about 30% of total chemical nitrogen, accelerate root development and protects the crop from soil borne pathogens and pests.
- Because of its natural and organic nature, Neem Cake is compatible with soil microbes and since it improves the rhizosphere micro flor it ensures the fertility of the soil.
- Ideal for nematode control such as: arenaria, haplolaimus indicus, helicotylenchu erythrina, pratylenchus sp., meliodogne meloidogyne incognita, m.javanica (root knot nematode found in vegetable crops like okra, chilli, french bean, tomato, black gram, green gram, eggplant, etc.) parasitic fungi, r.brassica, reniform nematode, rotylenchus reniformis, rodopholus similis (banana trylenchor hynchus and as well as grain moth, red flour beetle.

SPECIFICATION

Azadirachtin	1000 ppm
Nimbin	850 ppm
Salanin	1500 ppm
Nitrogen	4.5%
Oil content	5-6%
Phosphorus	1.5%
Potassium	2%
pH	5
Calcium	0.5%
Magnesium	0.50%
Sulfur	0.15%
Total Aflatoxin (B1,B2 G1,G2)	< 4 ppm
Salmonella	negative
Pesticide residue	none
E.coli per gm	none
Arsenic, cadmium, chlorides, copper, lead, mercury, nickel, etc.	none

METHODS OF APPLICATION AND RATES

For new Plants:

Apply directly into the soil 2-3 weeks prior to planting. Apply in a banding pattern close to the root zone. Mix with soil at a depth of 15-20 cm. Apply 68 kg per acre for low value crops and/or 159 kg per acre for high value crops.

For existing Plants:

Depending on plant type, apply 1-2.2 kg per plant and mix with soil and water thoroughly.

For existing trees:

Depending on type of tree, apply at minimum 0.22 kg per tree. Mix thoroughly with soil and water around the trunk at a depth of 15-20 cm.

Packaging: 20 kg bags/boxes or super sacks.



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