**New product- content**

1. **Azadirachtin T -20**

Powerful and Natural Pesticide

Care for your plants with Terra T-20

Terra Neem T-20 is the Azadirachtin Technical derived from Neem seed Kernels with Azadirachtin content of 20 % W/W. Neem’s primary active ingredient Azadirachtin is the most potent insecticidal ingredient present in the Neem seed kernel . Azadirachtin is a natural formation with a organic molecule class called Tetranotriterpenoids. It is yellowish powder that contains Azadirachtin(A & B) and its isomers that are key active component of Neem and possesses powerful insecticidal properties.

Why Azadirachtin technical is the best choice for making Insecticides/ pesticides?

1. It is most potent insect repellent, antifeedant and an insect growth regulator and it affects more than 600 species of insects.

Insects can’t develop resistance for Azadirachtin.

It is completely safe for non targeted insects like honey bees & butterflies and also safe for mammals like human beings.

Pesticides containing Azadirachtin are versatile; bio-degradable; leaves no residue hence safe for environment.

It provides a broad- spectrum pest control for fruits, vegetables and plantation crops, greenhouses, turf, outdoor ornamentals and agricultural crops such as sugarcane, paddy, cotton and tea.

Application

1. Crop pest control formulations.

2. Veterinary pest control products.

3. Hygiene products - shampoo's, sprays, Cream

4. Textile protection formulations.

5. Household pest control formulations.

1. **TERRA NATURAL KARANJIN K- 40**

Terra Natural Karanjin K -40 is the Karanjin Technical is obtained from the seeds of the karanja tree ( Pongamia glabra .), a tree growing wild in south India seed with Karanjin content of 40 % W/W. Karanja’s primary active ingredient Karanjin is the most potent insecticidal and acaricide ingredient present in the Karanja seed . Karanjin is a furanoflavonol, a type of flavonoid and reported to have nitrification inhibitory properties.

How Karanjin K – 40 will be best nitrification inhibitor ?

Karanjin conserves ammonium in all the soils at all stages and formation of nitrate will be effectively minimized. Nitrite in soils was short-lived and low. Thus,nitrification inhibition by karanjin remained high for a period of approximately 6 weeks, decreased with time and ranged from 9 – 76% for all the soils.

**Application**

Crop pest control formulations.

Used as a ingredient in anti-influenza virus drugs

Hygiene products - shampoo's, sprays, Cream

Textile protection formulations.

Household pest control formulations.

1. **TERRA NATURAL KARANJA OIL WATER SOLUBLE**

Terra natural karanja oil water soluble is a emulsified concentrated product and it is ready to use when mixed with water. As a preventative, karanja oil water soluble can be used when problems are just starting to show. Spraying of karanja oil water soluble will coat the leaf surface thereby preventing fungal spores. Karanja is effective against rots, mildews, rusts, scab, leafspot and blights. It makes a great garden spray as a general tonic for your plants and soil.

Benefits:

Ready to use

Biodegradable pesticide/ insecticide

Organic input approved

1. **TERRA NEEM OIL W.S**

Terra neem oil water soluble is emulsified concentrated product so it is ready to use just mixed with the water. As a preventative neem oil water soluble can be used when the pest problems are just starting to show. By spraying the neem oil water soluble it will cost the leaf surface which in turn prevents the germination of the fungal spores. Neem is effective against rots, mildwes, rusts, scab, leafspot and blights. It makes a great graden spray as a general tonic for your plants and soil.

Benefits:

Ready to use to neem Pesticide.

100% bio-degradable and environment friendly

Completely safe for humans and beneficial insects like honey bee

It can be mixed with other synthetic pesticide and also enhances their action

Effective for over 600 species of pests

It is a board spectrum insecticide