

Neem oil



Insect grow regulator and deterrent - Fungistatic action



COMPOSITION

Oleic monounsaturated C18:1	25 - 54%
Palmitic saturated C16	16 - 33%
Stearic saturated C18	9 - 24%
Linoleic polyunsaturated C18:2	6 - 16%



Appearance
Liquid



Application
Foliar



Packaging
5 - 20 - 200 Kg



DESCRIPTION

Neem Oil is a natural product, very important for Organic and Integrated Agriculture, thanks to its phyto-repellent and fungistatic action.

It's been used for centuries from the eastern populations, especially from Indian people, and it's known to be able to get rid of more than 200 species of pathogens that affects plants.

These properties are due to a mix of alkaloids and to Azadirachtin, a substance presents on Neem Oil seeds. Azadirachtin is an insect growth disruptor and it's also a feeding and oviposition deterrent.

When insects feed on treated plant leaves, substances as Azadirachtin, Salannin and Melandriol induce a antiperistaltic wave in the alimentary canal and this produce something similar to a vomiting sensation.

Insect's ability to shallow it's blocked so, thanks to this sensation, insects don't feed anymore on treated plants. Thanks to these substances, females cannot complete oviposition process, so it prevents future damages to the crops.

Neem Oil can also controls by asphyxiation, as all the other oils in agriculture, the proliferation of mites, whiteflies, aphids and other types of soft bodied insect. For all these reasons, during the evolution, insects learned to avoid Neem Oil treated areas and crops. So, thanks to these properties, Neem Oil is considered a powerful insect deterrent.

As a fungistatic, Neem Oil is used in preventive strategies and when the disease is already started. Neem Oil treatments coats leaves surface with a waterproof film that prevents the germination of fungal spores.



DOSES AND METHOD OF USE

We recommend to avoid treatments with high temperatures

Acute treatments	Preventive treatments
1 Kg/hl in case of infestations already underway	0,5 Kg/hl