

Neem-F

Botanical Fungicide

NEEM-F is an oil based formulation for control and prevention of fungal diseases such as sheath blight, anthracnose, black spot, powdery mildew and rust. Neem-F prevents fungal spores from penetrating plant tissue and slows the advance of fungal diseases.

Mode Of Action:

It has both antispore and a fungistatic action. The mycelial growth is arrested and sclerotial germination of causal organism is prevented. This results in reduced fungal growth and development, thus making the product effective for curative action.

Active Ingredients:

Azadirachtin, Salannin and Nimbin.

Special features:

- Does not leave any residue in the soil, crop or the environment (highly bio-degradable).
- Reduces chances of cross-resistance by pathogens thus rendering it suitable for IPM programmes.
- Has a waiting period of 0 days for crop harvest after its spraying.
- Is an economical product for disease management.
- Can be used both as a preventive and a curative fungicide.
- Is safe for crops, the soil and the environment.
- Is a truly environment friendly product.

Application Guidelines:

The emulsifiable concentrate can easily be diluted with water to make a colloidal suspension which should be sprayed on the crop. Being oil based it is recommended that NEEM-F be diluted with water in a separate container before filling into a spray pump. In order to avoid clogging of spray pumps, do not leave any left over mixture in it. Mix a fresh batch for each application. In case of rain after spraying of NEEM-F, re-apply the dose. As NEEM-F is photodegradable it is advisable to spray the mixture during evening hours. For 100% organic NEEM-F the natural emulsifier is sold separately and can be mixed with water along with NEEM-F.

Strength : 300ppm

Dosage :

Mix 5ml/1 litre of water.

Packaging :

1000 litre tank

200 litre barrel

5 litre carboy

1 litre plastic bottle

Storage :

Store in a cool, dry place away from direct sunlight.

Shelf Life :

2 Years

Dosage for natural emulsifier to be added for 100% organic NEEM-F :

70% litre of NEEM-F

First mix the emulsifier with NEEM-F, and then dilute it with water according to the dosage given here.



Certificate of Analysis

NEEM-F

Neem Based Pesticide

Batch No. : 016/14
Date of analysis : 01/08/2014
Mfg. Date : 01/08/2014
Expiry Date : 01/08/2016

Sr. No.	Characteristic	Requirement	Results Obtained
1	Physical Appearance	Brownish viscous oily liquid	Complies
2	Odour	Peculiar bitter odour of neem	Complies
3	Sp. Gravity	0.96 g/cc	Complies
4	Azadirachtin Content	300ppm	Complies

Remark: The above product complies as per specification.

For Nico Orgo Manures

For Nico Orgo Manures

Quality Control Dept.

Partner

Microbiologist

MATERIAL SAFETY DATA SHEET

NEEM-F

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

Name : NEEM-F

Company Identification:

NICO ORGO MANURES

Opp. Railway Station,

Dakor – 388225.

Ph: 02699 244403 / 244611

Fax: 02699 244903

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

NEEM-F: Brownish Viscous Oily Liquid

Note: Confidential business information has been omitted.

**** SECTION 3 - HAZARDS IDENTIFICATION ****

Fire: Non inflammable. Non hazardous.

Other Hazards: Hazardous polimerisation will not occur.

**** SECTION 4 - FIRST AID MEASURES ****

Wash affected area with soap and water..

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Non flammable

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Recover free product. Use absorbent material to minimize runoff of mixed product..

**** SECTION 7 - HANDLING and STORAGE ****

Store in a cool, dry, & covered place. No other special arrangements required.

****** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ******

Use of mask is recommended. Use under ventilated conditions. Use gloves-avoid contact with open wounds

Avoid contact with eyes. Wash thoroughly with water and soap after exposure.

****** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ******

Appearance : Brownish Viscous Oily Liquid with typical organic & Neem odour.

Stable and non reactive

****** SECTION 10 - STABILITY AND REACTIVITY ******

Stable and non reactive

****** SECTION 11 - TOXICOLOGICAL INFORMATION ******

Non Toxic

****** SECTION 12 - ECOLOGICAL INFORMATION ******

Eco friendly Product.

****** SECTION 13 - DISPOSAL CONSIDERATIONS ******

Does not require special steps. May be disposed as per the requirements of

The local authorities.

****** SECTION 14 - TRANSPORT INFORMATION ******

Safe for transportation. Nonhaz.

****** SECTION 15 - REGULATORY INFORMATION ******

It is non toxic, non corrosive and does not contain any hazardous air pollutants.

****** SECTION 16 - ADDITIONAL INFORMATION ******

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Nico Orgo Manures assumes no legal responsibility for use or reliance on these data.