

# **NEEM-F**

## **BOTANICAL FUNGICIDE**

NEEM-F is an oil based emulsified concentrate 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 tissues 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 Ingredient:**

Azadirachtin, Salannin and Nimbin.

### **Special features:**

- Does not leave any residue in soil, crop or environment (highly bio-degradable).
- Reduces chance of cross-resistance by pathogens thus rendering 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 crop, soil and environment.
- Is a truly ENVIRONMENT FRIENDLY PRODUCT.

### **Strength :**

300 ppm

### **Dosage:**

Mix 5ml/1 litre of water.

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

70g/litre of NEEM F

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

**Application Guideline:**

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

**Packaging:**

1000 litres tank

200 litres barrel

5 litres carboy

1 litre plastic bottle

500 ml. plastic bottle

**Storage:**

Store in a cool dry place away from direct sunlight

**Shelf Life:**

2 years