

# **VAN FUNGISTOP**

VAN FUNGISTOP is a natural herbal formulation having highly potent principles having fungicidal properties. FUNGISTOP is made from medicinal herbs like Ivy sp and Oak sp; through a selective distillation of aqueous extracts. The active principles are isolated through a selective separation process and is formulated scientifically to retain the bioefficacy of the product for longer shelf life.

The organic compounds derived from these herbs are easily hydrolysed in the plant system and hence

does not leave any taint or residues on the crop and in the produce.

Due to the fact that FUNGISTOP is made from natural herbs, it is approved for Organic Agriculture by ECOCERT as per NOP standards and INDOCERT as per NPOP standards.

## **Mode of action**

VAN FUNGISTOP is to be applied as a diluted solution on the crop as a foliar spray. FUNGISTOP belongs to

the category of highly potent yet organically derived broad-spectrum herbal fungicide that prevents

and control the growth of common plant pathogenic fungi like Damping off, Leaf Spots, Anthracnose, Mildews, Fruit rots, Root rots, etc.

VAN FUNGISTOP is water soluble and translocate quickly to the diseases affected parts to commence the corrective metabolism.

1) The active principles of VAN FUNGISTOP retard the growth of fungal mycelium due to its contact

poison properties.

2) The active principles are also absorbed in the plant system to bring about systemic action on

controlling the proliferation of the mycelia inside the plant systems.

3)Arrests the spread of the fungal mycelia inside the plant system quickly.

4) VAN FUNGISTOP arrests sporulation to bring about a complete check of spread of the disease within

the plant system as well as to other plants in the field.

5) VAN FUNGISTOP triggers the action of cellulolytic enzymes for lysis of fungal mycelia in the plant system.

6) In the case of secondary infestation due to fungi, VAN FUNGISTOP arrests the growth and multiplication of such fungi sp causing rotting of roots, stem, flowers and fruits effectively.

## Benefits.

VAN FUNGISTOP is well suited for Organic Agriculture and in Integrated Pest Management (IPM) Programs

because of the following salient features:

- 1) Controls effectively the young plants from damping off when treated at seedling stage.
- 2) Protects the crop from all fungal infestations when applied during susceptible stage as a prophylactic treatment.
- 3) When applied on an infected crop, the disease intensity will be reduced and gradually the new shoots will grow without disease symptoms.
- 4) Effectively controls a variety of diseases like leaf spot, root rot, stem rot, collar rots, fruit rots, mildews, blights, Dieback diseases etc. effectively and prevents its spread to other plants.
- 5) VAN FUNGISTOP is a non-toxic and safe to use even at harvesting stage and does not leave any toxic residues on the crop.
- 6) Approved for organic agriculture as per ECOCERT and INDOCERT.

## Target Fungal pathogen.

VAN FUNGISTOP protects the crops against the infestation of various fungal diseases caused by Pythium, Phytophthora, Cercospora, Colletotrichum, Rhizoctonia, Fusarium, Alternaria etc.

## Dosage:

The ideal dosage for prophylactic treatment is 5 ml per litre of clean water. When to be sprayed on

the infected fields it is recommended to increase the concentration to 7 ml per litre of clean water.

VAN FUNGISTOP is compatible with other insecticides and fungicides.

## Preparation of spray solution:

Take the required quantity of VAN FUNGISTOP, add little quantity of water, mix and make into a solution. Then add the remaining quantity of water to make up to the volume of spray solution.

## Mode of application:

Apply as a foliar spray to cover the above ground parts of the plants till the run off stage. Ideal time

to spray is early in the morning or late in the evening when wind velocity is less. If it rains within 8

hours of application repeat the spraying on a rainless day.

For treating below ground parts, drench the solution around the base of the crop at the concentration

of 7 ml per litre of water.

In order to control the infestation after occurrence of the symptoms, repeat the application on 15th

day of the first application.

## Pack sizes available:

VAN FUNGISTOP is available in 1.00 Lt, 5.00 Lt, 20.00 Lt and 200 Lt Barrels. The containers used are HDPE

bottles or virgin plastic barrels.

## Certification:

VAN FUNGISTOP is certified for Organic Agriculture as per NOP standards by ECOCERT and NPOP standards by INDOCERT.

## Composition:

| SL No | INGREDIENTS           | COMPOSITION IN % |
|-------|-----------------------|------------------|
| 1     | EXTRACT OF BITTER OAK | 9-10%            |
| 2     | EXTRACT OF IVY spp    | 7-8%             |
| 3     | LIME NUTRALIZER       | 4%               |
| 4     | DM WATER              | 80%              |
| TOTAL |                       | 100%             |

## Technical specifications:

| SL No | PARAMETERS       | VALUE  |
|-------|------------------|--|
| 1     | PHYSICAL STATE   | LIQUID   |
| 2     | APPEARANCE       | DARK YELLOW TO BROWN WITH GREEN TINGE IN COLOUR, FREE FLOWING LIQUID |
| 3     | ODOUR            | DIGESTED HERB ODOUR  |
| 4     | SPECIFIC GRAVITY | 1.05 - 1.09g/ml  |
| 5     | pH               | 5.5 - 6.0  |
| 6     | SOLUBILITY       | FULLY SOLUBLE IN WATER AT ROOM TEMPERATURE                           |
| 7     | COLD TEST        | NO TURBIDITY, NO SEPARATION OF SOLID                                 |

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