



EFFECTIVE PEST CONTROL

# FIGHT OFF PLANT FUNGUS AND DISEASE

THE ULTIMATE GUIDE



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The complete guide to fighting off plant fungus and disease

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# INTRO

## THE COMPLETE GUIDE TO FIGHTING OFF PLANT FUNGUS AND DISEASE

Whether you're a seasoned gardener or just starting out, this guide will equip you with essential information for identifying and treating plant diseases and fungus.

From differentiating between pests and fungus to understanding how the seasons impact your plants, we've got you covered. Plus, learn about the most common plant diseases and fungus out there, and how to control them with Efekto products.

### Fungus vs disease: what's the difference?

A plant disease is a condition that can be caused by various pathogens, including viruses and bacteria.

On the other hand, a fungus is a type of organism that can cause disease in plants as well as in humans and other animals. Fungus reproduce by producing spores, which can spread through the air and infect other plants or organisms.

Understanding the difference between fungus and disease can be tricky, but what's important is knowing how to treat each problem to ensure our plants remain healthy and thriving.





# DIFFERENTIATING BETWEEN FUNGI AND PESTS



*Who's the  
culprit behind  
your plant's  
distress?*

## **Is it a pest or is it a fungus?**

Just as it's tricky to know whether you're dealing with a fungus or a disease, it can be just as difficult to tell whether your plant is suffering from a fungal infection or a pest infestation. Here are some tips to help you differentiate between the two.

### **Look at the leaves**

If the leaves are spotted, discoloured, or wilting, it's more likely to be a fungal infection. If the leaves have holes or are being eaten, it's more likely to be a pest infestation.

### **Check for webbing**

If you see webbing on the plant, it's likely to be a pest infestation, such as spider mites or thrips. Fungal infections don't typically produce webbing.

### **Examine the plant closely**

Look for visible signs of pests, such as aphids or mealybugs, or signs of fungus, such as mould or mildew. Pests will often leave physical evidence, such as egg sacs or excrement.

### **Consider the season**

Some pests, such as caterpillars and slugs, are more active in the spring and summer. Fungal infections, on the other hand, may be more common during periods of high humidity or rainy weather.

# IDENTIFICATION

## GET TO KNOW THE DISEASES AND FUNGUS RUINING YOUR GARDEN

Learn about the most common plant fungus and diseases out there, and how to identify and control them with Efekto products.

## COMMON PLANT FUNGUS



### Root Rot

Root rot affects the roots of plants and can cause wilting, yellowing, and stunted growth. Overwatering or poor drainage can cause this fungus to grow.

**Use Efekto Virikop to treat and control root rot.**



### Powdery Mildew

Powdery mildew leaves a white or grey substance on the leaves and stems of your plants. It can cause leaves to turn yellow and fall off. This fungus is common in humid or damp conditions and can spread quickly. It attacks new growth, causing it to become dwarfed and distorted. Infected fruits and tree fruits can develop web-like scars or rough, corky spots on the skin. Powdery mildew can affect many types of plants, including fruit trees and vines.

**Use Efekto Kumulus WG or Efekto Funginex to treat and control.**

## COMMON PLANT DISEASES



### Rust

Rust causes orange, red, or brown spots on the leaves of your plant. It can also cause leaves to turn yellow and fall off. Rust is common in roses, but can also affect other plants. It thrives in moist environments and develops mostly on leaves and stems.

Treat roses and ornamentals with Efekto Rosecare 3.

**Use Efekto Virikop or Efekto Funginex on your other plants.**



### Anthracnose

Also known as black spot, anthracnose causes brown or black spots on the leaves, stems, and fruit of your plant. This fungal disease can cause leaves to curl and fall off. Anthracnose is common in trees, shrubs, and fruits, and can spread quickly in humid conditions.

**To treat and control, use Efekto Virikop.**



### Bacterial leaf spot

Water-soaked spots on leaves that eventually turn brown and dry up are a common symptom of bacterial leaf spot. Bacterial leaf spot is known to cause leaves to fall off. It is typically found in fruits and vegetables and is spread by water or insects. Infected fruit is also more susceptible to other fruit diseases and insect infestations.

**To treat and control, use Efekto Virikop.**

## FIGHT OFF PLANT FUNGUS AND DISEASE



**Kumulus WG**  
Reg. No. L2404 N-AR0732  
Act No. 36 of 1947

**Rosecare 3**  
Reg. No. L6509 N-AR0142  
Act No. 36 of 1947

**Virikop**  
Reg. No. L0527 N-AR 0146  
Act No. 36 of 1947 W130195

**Funginex**  
Reg. No. L2469 N-AR0131  
Act No. 36 of 1947 W130281

# THE IMPACT OF SEASONS ON PLANT FUNGUS AND DISEASE

## PLANT FUNGUS AND DISEASES, BY SEASON

The impact of plant fungus and diseases can change depending on the time of year. Keep reading to find out what you need to know about how the seasons can affect your plants.

### Spring

Spring is a critical time for plants to grow and establish themselves. It is also the time when many plant diseases and fungus begin to spread.

As temperatures warm up and moisture levels increase, fungal spores can germinate and infect plants.

Powdery mildew and rust are particularly common during this time. To prevent the spread of disease and fungus, it's important to keep your plants well-ventilated and remove any infected leaves or branches.

### Autumn

As temperatures begin to cool in the fall, plant diseases and fungus become less active.

However, some diseases, such as powdery mildew, can continue to thrive in cooler temperatures.

It's important to continue monitoring your plants for signs of disease and treating them as necessary.

### Summer

In the summer, high temperatures and humidity levels can lead to the rapid spread of plant diseases and fungus.

Anthracnose and root rot can be particularly damaging to plants during this time.

To prevent fungal diseases, make sure to water your plants early in the day and avoid getting water on the leaves.

### Winter

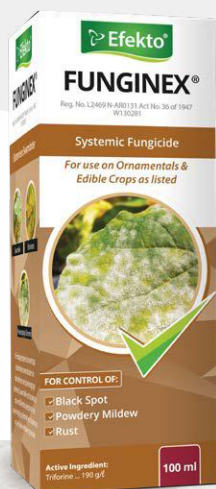
During the winter, most plant diseases and fungus go dormant. However, some diseases, such as black spot (anthracnose), can continue to affect trees and shrubs.

To prevent these diseases, make sure to prune any infected branches and clean up fallen leaves and debris.

# OUR PRODUCTS

## FIGHT OFF PLANT FUNGUS AND DISEASE WITH EFEKTO

Efekto provides a range of products that can help protect your plants against fungal diseases. Find your go-to fungicide.



### Efekto Funginex

Protect your plants from powdery mildew, black spot, and rust with this systemic fungicide that works from the inside out to protect new growth.

It is a popular choice for roses and other ornamental species, and it is also environmentally friendly.

**Funginex**  
Reg. No. L2469 N-AR0131  
Act No. 36 of 1947 W130281



### Efekto Kumulus WG

This water-dispersible granular fungicide and acaricide can help control powdery mildew, other fungal diseases, and certain mites and thrips on various fruits and vegetables.

Its unique particle size allows for rapid, sustained, and residual control.

**Kumulus WG**  
Reg. No. L2404 N-AR0732  
Act No. 36 of 1947

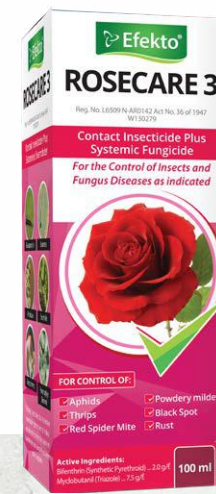


### Efekto Virikop

This wettable powder fungicide and bactericide can protect your fruit, vegetables, flowers, and ornamental plants from certain diseases.

It has a protectant/preventative action and can inhibit fungal spore germination and mycelial growth.

**Virikop**  
Reg. No. L0527 N-AR 0146  
Act No. 36 of 1947 W130195



### Efekto Rosecare 3

Protect your roses and ornamental plants from insect pests and fungus diseases with this systemic insecticide, acaricide, and fungicide.

Its combination of systemic fungicides and insecticides means it fights target diseases and insects from inside the plant.

**Rosecare 3**  
Reg. No. L6509 N-AR0142  
Act No. 36 of 1947



EFFECTIVE PEST CONTROL



## Ask the Efekto experts about your plant problems

Visit **Efekto.co.za** to learn more about plant fungus and disease or ask the Efekto experts via our **WhatsApp** line.

Efekto.co.za

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Scan to contact us via  
our WhatsApp line