

E R G O F I T O I N A C T I O N

Give Nature What Nature Wants

Black Spot (Guignardia Citricarpa)



ERGOFITO

www.ergofito.co.za

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History of Citrus Black Spot:

Citrus black spot, caused by the fungal pathogen *Guignardia citricarpa* (sexual stage) and *Phyllosticta citricarpa* (asexual stage), was first found in south Florida in March 2010.

The initial find was contained to a 15 mile area centered in south Florida near Immokalee. By the first week of May, the disease has been found in another locations.

Black Spot can be found around the world in Argentina, Australia, Brazil, China, Ghana, Mozambique, Philippines, South Africa, Sub-Saharan Africa, Taiwan and other regions of South America.

Ergofito AV (Antivirus) and Fungal Pathogens:

Ergofito AV is a totally natural way to combat plant viruses and fungal pathogens. Its action mechanism is simple yet complex.

The first action of **Ergofito AV** consists of reducing the amount of energy that the plant uses to actively transport water (which contains salts) from the roots to the leaves. The plant capillarity is enhanced after an application of **Ergofito AV**.

The presence of mineral and biological catalyzers allows an ulterior energy saving in the metabolic processes which transform the minerals into biomass. The saved solar energy is produced by a more efficient photosynthesis is used by the plant to produce defense substances.

Ergofito AV contains complex molecular silicium and carbon which attaches to the virus, thus rendering them incapable to penetrate the vegetal cells.

This action reduces the aggression level, allowing the sick plant a fast recovery.

The plant produces the required antibodies which allow the plant to overcome the sickness and to vegetate normally.

Dosage:

Best results are obtained with drip irrigation; however the product can be delivered by any existing irrigation systems. Both Radical and Foliar applications must be applied.

Radical treatment:

Ergofito AV	3 kg per hectare
Magnesium sulphate	10 Kg per hectare

Foliar treatment:

Ergofito AV	3 Kg per hectare
Magnesium salts	3 Kg per hectare

The above treatments and quantity must be applied every 7 to 10 days until the sickness is eliminated.

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Background:

Ergofito has been tested many times, worldwide in citrus groves whereas fungal or viral diseases have ravaged the plantation. We have successfully contained Greening disease in Florida USA (picture above) in conjunction with the University of Florida Analytical Services laboratories. We are currently working in Tucuman, Argentina at San Miguel on large lemon plantation. Black Spot is no different to our product as we re-align the natural defense that is inherent to every plant.

Crash Course - Agriculture, Nature's Way:

See **Ergofito** documentation: Rhizosphere
 Healthy Soil
 Plant Diseases
 Ergofito Benefits



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