

ERGOFITO IN ACTION

Give Nature What Nature Wants

Rhizoctonia Solani



ERGOFITO

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PREAMBLE:

Rhizoctonia solani (teleomorph: *Thanatephorus cucumeris*) is a plant pathogenic fungus with a wide host range and worldwide distribution.

This plant pathogen was discovered more than 100 years ago. *R. solani* frequently exists as thread-like growth on plants or in culture, and is considered a soil-borne pathogen.

R. solani is best known to cause various plant diseases such as collar rot, root rot, damping off and wire stem.

R. solani attacks its hosts when they are in their juvenile stages of development such as seeds and seedlings, which are typically found in the soil.

It makes sense then that this saprophytic pathogen would live and survive in the soil and attack the part of its hosts that reside there.

The pathogen is known to cause serious plant losses by attacking primarily the roots and lower stems of plants. Although it has a wide range of hosts, its main targets are herbaceous plants.

R. solani would be considered a basidiomycete fungus if the teleomorph stage were more abundant.

The pathogen is not currently known to produce any asexual (conidia) spores, though it is considered to have an asexual life cycle. Occasionally, sexual spores (basidiospores) are produced on infected plants.

The disease cycle of *R. solani* is important in regards to management and control of the pathogen.

FIRST TREATMENT:

Apply the following immediately with sufficient water to allow a uniform application:

Product	Quantity	Application
Ergostart Bio	150 Kg per Hectare	Apply through Irrigation

SECOND TREATMENT:

Apply this treatment three days after the First Treatment.

Product	Quantity	Application
Ergofito ROS	32 Kg Per Hectare	Radical Application

THIRD TREATMENT:

Apply this treatment two days after the Second Treatment.

Product	Quantity	Application
Ergofito ROS	17Kg per Application	Foliar Application

FOURTH TREATMENT:

Apply this treatment five days after the Third Treatment.

Product	Quantity	Application
Ergofito ROS	32 Kg per Hectare	Radical Application

CONCLUSION:

It is imperative to follow the above instructions as the Rhizoctonia needs to be eliminated to secure the plant's health.

All radical applications can be done with the existing irrigation system.



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