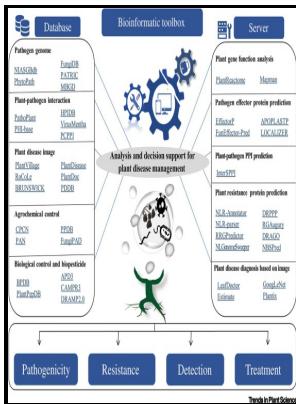


Plant pathogenesis and disease control

Lewis Publishers - Systemic acquired resistance



Description: -

Plant diseases.

Phytopathogenic microorganisms.

Plants -- Disease and pest resistance.

Phytopathogenic microorganisms -- Control. Plant pathogenesis and disease control

-Plant pathogenesis and disease control

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plant disease

They prevent or reduce infections by utilizing various principles of control.

Systemic acquired resistance

It reached Brazil in 1970 and from there it rapidly spread at a rate enabling it to infect all coffee areas in the country by 1975.

plant disease

Chemical methods for controlling Coffee Leaf Rust are another popular option but have several factors to consider. The rust needs suitable temperatures to develop between 16 °C and 28 °C. Protective sprays and dusts applied to the land of crops and ornamentals include a wide range of organic chemicals designed to prevent infection.

plant disease

During 1913 it crossed the African continent from Kenya to the Congo, where it was found in 1918, before spreading to West Africa, the Ivory Coast 1954 , Liberia 1955 , Nigeria 1962—63 and Angola 1966. They found plants they suspect to also be infected in on. Such mechanisms involve transmitting signals to the infection site to stop cell function.

Plant disease

Due to the complexity of accurately accounting for losses attributed to CLR, there are few records quantifying yield losses.

plant disease

Another practice is to make use of suppressive soils—those in which a pathogen is known to persist but causes little damage to the crop. Direct impacts include decreased quantity and quality of yield produced by the diseased plant. Many valuable crop and ornamental plants are very susceptible to disease and would have difficulty surviving in nature without human intervention.

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