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Research perspectives on phymatotrichopsis omnivora and the disease it causes
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Abstract

Phymatotrichopsis omnivora continues to be an important plant pathogen. The diseases caused by this fungus result in economic losses reaching millions dollars in northern Mexico and southern United States of America. However, limited research has been done about this pathogen in recent years. P. omnivora is a soil-borne fungus with a host range of more than 2000 plant species, and can survive in soil for more than 10 years. Research on this fungus and the diseases it causes would help to reduce the negative impact on crop productivity and to improve the management of other diseases caused by fungi. In this work, the results of some research of P. omnivora are discussed, and future lines of research are proposed.

Keywords

Soil-borne fungal plant pathogens, soil fungi, cotton root rot.