



Living with Pine Wilt Disease in Portugal

Dr Luís Bonifácio

INIAV - Instituto Nacional de Investigação Agrária e Veterinária

Faculdade de Ciências da Universidade de Lisboa

Departamento de Biologia Vegetal,

C2, Piso 2

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Abstract. The Pine Wilt Disease caused by the Pine Wood Nematode, *Bursaphelenchus xylophilus*, is considered one of the world's worst threat for coniferous trees and was accidentally introduced in Portugal in 1999. The successful association with the native longhorn beetle *Monochamus galloprovincialis* allowed the nematode to spread throughout the country causing the death of thousands of maritime pine (*Pinus pinaster*). During the last 15 years a considerable effort was made to know the biology and dynamics of the complex interaction established between the nematode, the insect-vector and the host tree, and also in the development of control measures.

Organização

Centro de Biotecnologia Vegetal (CBV – CESAM Lisboa), inserido na unidade curricular de *Plant Metabolic Regulation* do Programa Doutoral *Plants for Life*