

Citrus Huanglongbing DISEASE

Disease Symptoms
Biology of *Candidatus Liberibacter asiaticus*
Vector and Disease Management



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ABSTRACT

Symptoms Biology of Candidatus Liberibacter asiaticus Vector and Disease Management Managing citrus huanglongbing disease (HLB) in the field is a major challenge to the citrus growers worldwide. Furthermore, the difficulties in managing diseases in the topics are also associated with environmental factors such as high humidity and rainfall, warmer climate and high inoculum pressure and vector in the orchards. Hence, deep understanding on the etiology and epidemiology of the disease is an effective way to control the spread of the disease. This book is divided into nine chapters to address current issues in the development of sustainable management of HLB in Malaysia. It is a joint effort by four authors from Faculty of Agriculture, Universiti Putra Malaysia, each with a wide expertise in their fields; Khairulmazmi Ahmad and Kamaruzaman Sijam are in plant pathological research while Rita Muhammad and Dzolkhifli Omar are experts in entomological research. This book is a must for anyone working in the citrus production, especially plant quarantine officers, plant pathologists, extension officers and university students.

Keyword: Citrus Huanglongbing disease; Candidatus liberibacter asiaticus vector; Disease management