BOOK REVIEW

As indicated in the „Preface“ (p. iii) Citrus tristeza virus (CTV) is considered as one of the most important viruses known to date. This is due to: (1) the worldwide distribution of citrus growing, and (2) due to high value of citrus crops.

For the above reasons the Editors invited 42 specialists who contributed 15 chapters arranged in five subject sections. Thanks to that the readers obtain a very good knowledge on history of research of CTV and the attempts of management of this disease in different countries and world regions.

Section I – “Disease Description” (p. 1–49) contains two chapters: Chapter 1 – „The history of Citrus tristeza virus – revisited (p. 3–26) and Chapter 2 „Citrus tristeza diseases – a worldwide perspective” (p. 27–49). Of particular interest is information on: (1) global expansion of citrus production during the last two centuries and its phytopathological costs; (2) the Phytophthora pandemic and the advance of Tristeza; (3) the search for the casual agent; (4) graft transmission of quick decline and aphid transmission of Tristeza; (5) viral aspects of CTV and the complicated CTV economy.

Section II „Molecular Biology of the Pathogen” (p. 53–72) contains five chapters: Chapter 3 „Molecular genetics of Citrus tristeza virus” (p. 53–72); Chapter 4 „Interference or insurance? More questions than answers on the roles of multiple detective RNAs of Citrus tristeza virus” (p. 73–93). Chapter 5 „Identification and characterization in silencing suppressors encoded by Citrus tristeza virus” (p. 95–102). Chapter 6 „The tail that wags the virus: recombination defines two gene modules and provides for increased genetic diversity in a narrow-host-range plant virus” (p. 103–118). Chapter 7 „Citrus tristeza virus and the taxonomy of Closterviridae” (p. 119–129).


It is absolutely true what emphasize Editors that “This book will be of interest to plant pathologists, horticulturists and graduate students in plant pathology and related sciences”.

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