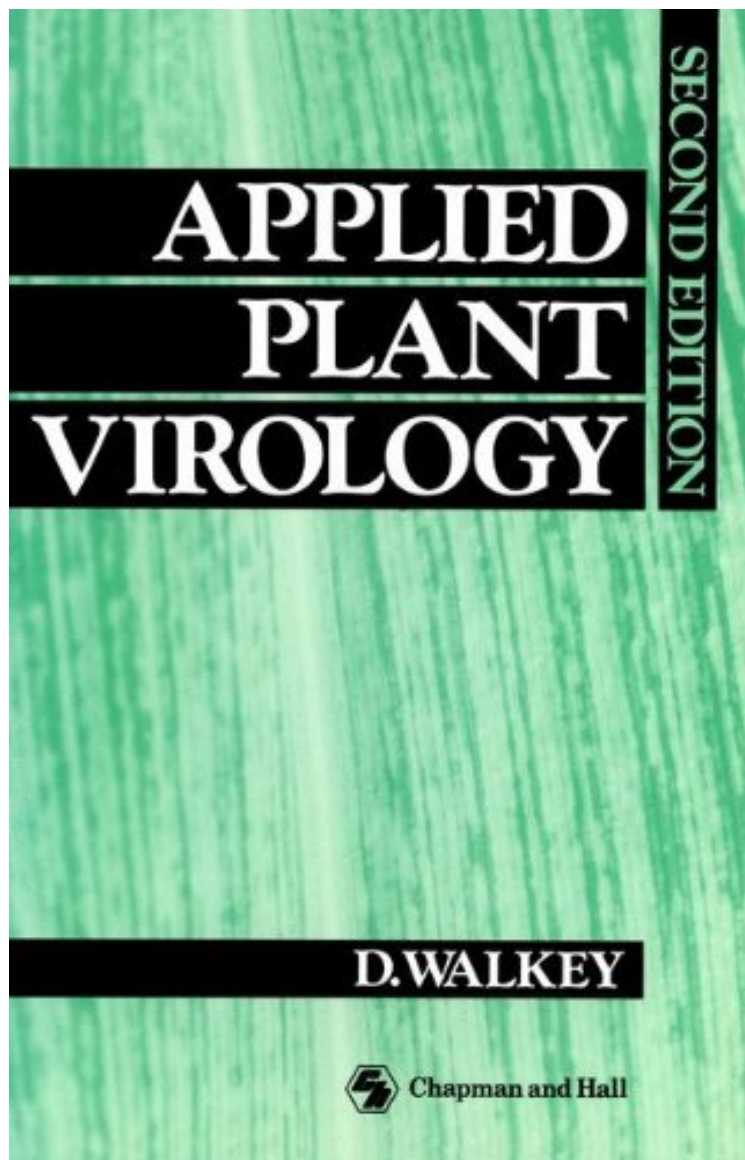


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Applied Plant Virology

D.G. Walkey

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D.G. Walkey : Applied Plant Virology before purchasing it in order to gage whether or not it would be worth my time, and all praised Applied Plant Virology:

For the past twenty years I have worked as an applied plant virologist, attempting to identify and control virus diseases in field crops. During the last ten years it has been my privilege to present short courses in plant virology to final-year students studying plant pathology, micro biology and general botany. Throughout the period I have been lecturing, it has been possible to recommend several excellent 'library' books for further reading in plant virology, but there has been no publication covering applied plant virology that a student might consider purchasing. With teaching requirements in mind this book has been written to provide a concise introduction to applied plant virology based on the experiences I have gained working on virus diseases, both in an applied laboratory and in the field. The text concentrates on introducing the reader to aspects of plant virology that would be encountered every day by an applied virologist trying to identify viruses and develop control measures for virus diseases of crop plants. Although a brief introduction to virus structure and its terminology is given in the opening chapter of the book, no attempt is made to cover in detail the more fundamental aspects of virus structure, biochemistry and replication. Similarly, the symptoms caused by individual viruses are not described, although the various types of symptoms that plant viruses cause and which might be encountered by a student or research worker are described.

This volume provides a readable introduction to the topic encompassed by the title, and will be a helpful resource for students of agriculture, particularly those specialising in plant protection or pathology. - Agricultural Progress; In all, the book provides a well presented and comprehensively researched coverage of applied plant virology; it can be recommended to students worldwide. - Outlook in Agriculture