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Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (2,946 pages) : illustrations
Disciplina	579.2803
Soggetti	Plant pathology Virology Plant genetics Plant Pathology Plant Genetics and Genomics Malalties víriques en les plantes Patologia vegetal Virologia Enciclopèdies electròniques Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	From the contents: Abelia -- Allamanda cathartica -- Arabidopsis thaliana - Axonopus compressus -- Bambus -- Begonia -- Blainvillea rhomboidea -- Buxus sempervirens -- Cajanus cajan -- Chamaescilla corymbosa -- Clarkia amoena -- Cucumis anguria -- Dactylis glomerata -- Dianthus amurensis -- Dracaena -- Duranta -- Ecballium elaterium -- Elettaria Cardamomum -- Eragrostis -- Exacum -- Fagus sylvatica -- Ficus carica -- Forsythia -- Fuchsia -- Gaillardia -- Gladiolus -- Gompholobium preissii -- Guizotia abyssinica -- Habenaria radiata -- Hibbertia -- Holcus lanatus -- Humulus japonicus -- Iberis semperflorens -- Ilex crenata -- Ipomoea batatas -- Ixora -- Jacquemontia -- Jasminum -- Jatropha -- Juglans regia -- Kalanchoe blossfeldiana -- Kalimeris indica -- Kennedia -- Kohleria -- Lablab

purpureus -- Liatris spicata -- Lobelia -- Ludwigia -- Maclura
pomifera -- Mentha -- Molinia coerulea -- Musa -- Nandina domestica
-- Nerine -- Nicotiana tabacum -- Nothoscordum -- Ocimum -- Olea
europaea -- Opuntia -- Oxalis -- Pachycladon -- Pelargonium --
Polygonum -- Pulmonaria -- Quercus marilandica -- Ranunculus
asiaticus -- Ribes -- Robinia pseudoacacia -- Rubus -- Saccharum
officinarum -- Sida -- Solanum lycopersicum -- Sutura cordata --
Tagetes -- Tecoma capensis -- Torenia -- Tulipa -- Ullucus tuberosus
-- Unxia kubitzkii -- Urochloa Urtica -- Vaccinium angustifolium --
Verbena -- Vitis vinifera -- Voandzeia subterranea -- Wahlenbergia
marginata -- Weigela florida -- Wissadula -- Wisteria -- Xanthium
occidentale -- Xerochrysum bracteatum -- Yucca -- Zamia furfuracea
-- Zea mays -- Zinnia.

Sommario/riassunto

The Encyclopedia of Plant Viruses and Viroids provides an up-to-date information on the viruses and viroids infecting all types of cultivated and weed plants at global level; and is unique among plant virology texts as it is organized alphabetically by the genus name of the host plant infected. It allows the reader to readily determine all of the different viruses currently reported naturally infecting the plant genus and species. Information is provided for each virus and viroids on common synonyms, current taxonomic status, geographical distribution, symptoms induced, other known hosts, means of transmission and properties of both the virus particles and the genome. Where ever the same virus is known to infect multiple hosts, host-specific information, biological properties and genome characters are presented under each host affected. The index can be utilized to identify other crops infected by the same virus, showing which other crops might be at risk of infection in the event of introduction of a virus that has not previously reported in an area, or which might serve as potential virus reservoirs for infection of more sensitive or economically important crops than the host in which it is initially identified. The taxonomy and nomenclature of the viruses and viroids are followed based on the current guidelines of the 10th ICTV Report, covering up to 2018 and also about many new viruses and viroids that have been reported but not yet recognized as species by ICTV, have been included in this Encyclopedia. The uniqueness of this Encyclopedia is that all the known viruses and viroids affecting more than 1010 plant species at global level are described and the plant species are arranged in alphabetical order of the scientific name of the plant along the relevant information on 1518 viruses and viroids and is the ready-reckoner of the global plant species and their viruses and viroids for students, scientists, teachers of Plant Pathology & Virology; and also for the crop protection professionals, agricultural policymakers, seed companies and quarantine agencies.
