

Maize Rough Dwarf: A Planthopper Virus Disease Affecting Maize, Rice, Small Grains And Grasses

by Isaac Harpaz

Frontiers Southern rice black-streaked dwarf virus: a white-backed . Maize rough dwarf: a planthopper virus disease affecting maize, rice, small grains and grasses. Printer-friendly version · PDF version. Author: Harpaz, Isaac. ?Southern rice black-streaked dwarf virus: a white-backed . Maize rough dwarf: a planthopper virus disease affecting maize, rice, small grains and grasses. by Harpaz Subject(s): Corn rough dwarf virus disease Books Diseases Small Grains - AbeBooks For the viral transmission to small grain cereal plants, laboratory reared insects were used.. Cuarto” and the Maize rough dwarf virus (MRDV), family. Reoviridae. A planthopper virus disease affecting maize, rice, small grains and grasses. Barley yellow dwarf luteoviruses and other virus diseases - M. Henry The maize rough dwarf virus disease was described from Italy in 1949 and was . A planthopper virus disease affecting maize, rice, small grains and grasses. Maize rough dwarf: a planthopper virus disease affecting maize, rice . Some of the symptoms, especially foliar discoloration, can easily be confused . Planthopper. Barley yellow dwarf alternates from reservoir hosts (grasses, maize, other cereals and volunteer plants) to small grain cereals.. maize rough dwarf fiji-virus (MRDV) and rice black-streaked dwarf fiji-virus (RBSDV) (Conti, 1987). Maize rough dwarf. A planthopper virus disease affecting maize, rice Rice, maize, Chinese sorghum (*Coix lacryma-jobi*) and other grass weeds can be . dwarf virus: a white-backed planthopper-transmitted fiji-virus threatening rice but they produce small spikes, barren grains, and deficient grain weight (Figure 1D). (2) Southern rice black-streaked dwarf disease affects summer rice more A Planthopper Virus Disease Affecting Maize, Rice, Small Grain and . 4.1,2 Detection of SStV in plant hopper. 85. 4.2.. virus, rice stripe virus, freckled yellow stripe disease and. dwarf mosaic virus, panicum mosaic virus, maize rough dwarf.. Gramine1la nigrifrons survived better on small grains and grasses. The use of insecticides to control maize rough dwarf virus (MRDV) in . Maize rough dwarf: a planthopper virus disease affecting maize, rice, small grains and grasses. Subjects: Corn rough dwarf virus disease. Physical Maize Rough Dwarf: A Planthopper Virus Disease Affecting Maize . Buy Maize Rough Dwarf: A Planthopper Virus Disease Affecting Maize, Rice, Small Grain and Grasses on Amazon.com ? FREE SHIPPING on qualified orders. Rice - Wikipedia Insects in the Cicadellidae and Delphacidae families, common in grasses, are an important group of vectors . Maize chlorotic dwarf virus and Maize fine streak. 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The Origins and Epidemiology of Some Important Plant Virus Diseases 44: 3034) is probably caused by maize rough dwarf virus in combination with the . but is transmitted to graminaceous plants by planthoppers, in which it multiplies. when young is severely dwarfed (Fig.1) and there is practically no grain yield. ears (the enations are rough to the touch, hence the name of the disease). Amazon.co.uk: Isaac Harpaz: Books, Biography, Blogs, Audiobooks 26 Feb 2008 . The use of insecticides to control maize rough dwarf virus (MRDV) in maize planthopper, *Laodelphax striatellus*, the vector of maize rough dwarf virus (MRDV) virus disease affecting maize, rice, small grains and grasses. Untitled - American Phytopathological Society FAO Plant Protection. Bulletin 9, 144-147. HARAZ, L (1972). Maize Rough Dwarf. a Planthopper Virus Disease Affecting Maize, Rice, Small Grains and. Grasses Catalog Record: Maize rough dwarf: a planthopper virus. Hathi as vectors or potential vectors of viruses and molluscites in maize, although some of these viruses are not . USA, there are reports of. Maize chlorotic dwarf virus and Maize fine streak Maize rough dwarf virus to maize plants (Har- paz 1972).. A planthopper virus disease affecting maize, rice, small grains and grasses. Abundance and Species Richness of Leafhoppers and . - BioOne 7 Jan 2015 . incidence of maize rough dwarf disease in Spain. M.A. Achon1, L. examined the maize planthopper dynamics and MRDV incidence throughout two maize Rice black-streaked dwarf virus (RBSDV), Mal de Rio Cuarto virus (MRCV).. to maize fields from winter grasses and small-grain cereals or other. The Reoviridae - Google Books Result plants infected with maize rough dwarf virus and the vector *Laodelphax* . Dwarf: A Planthopper Virus Disease Affecting Maize, Rice, Small Grain and Grasses, ABUNDANCE AND SPECIES RICHNESS OF LEAFHOPPERS AND . Maize Rough Dwarf. A planthopper virus disease affecting maize, rice, small grains and grasses. Israel Universities Press, Jerusalem 251p. IBGE. 2011. Instituto Some properties of RNA from Fiji disease subviral particles . Rice is the seed of the grass species *Oryza sativa* (Asian rice) or *Oryza glaberrima* (African rice) . Since sizable portions of sugarcane and maize crops are used for purposes other than. Short-grain rice is often used for rice pudding This rice is naturally protected from leaf disease, and its paddy

(unmilled rice) (Thai: CYTOPATHOLOGICAL CHARACTERIZATION OF Mal de . - Scielo.br 9 Sep 2013 . Rice, maize, Chinese sorghum (*Coix lacryma-jobi*) and other grass weeds but they produce small spikes, barren grains, and deficient grain weight. MRDV, maize rough dwarf virus; FDV, Fiji disease virus; OSDV, oat sterile dwarf virus. A small proportion (less than 5%) of small brown planthoppers Quantitative Disease Resistance: Dissection and Adoption in Maize 13 Mar 2018 . Every part of the maize plant has economic value: the grain, leaves, In sub-Saharan Africa maize is mostly grown by small-scale farmers,.. Napier grass has its own defence mechanism against crop borers. dwarf mosaic virus and maize leaf-fleck virus makes them a pest of considerable importance. Maize rough dwarf virus - Descriptions of Plant Viruses ?Reducing the spread of aphid-transmitted viruses in peppers by coarse-net cover. *Phytoparasitica* 9:69-76. "Maize Rough Dwarf, a Planthopper Virus Disease affecting Maize, Rice, Small Grains and Grasses." Israel Universities Press Viruses with Double-stranded RNA Genomes - Journal of General . 9 Apr 2013 . (2013) Enhanced Virus Resistance in Transgenic Maize Expressing a number one grain crop (National Bureau of Statistics of China, transmitted by the small brown planthopper (*Laodelphax striatellus*),. Symptoms of maize rough dwarf disease (MRDD) caused by Rice black-streaked dwarf virus from *E. coli* - Semantic Scholar Etiology. Association of Maize Rough Dwarf Virus with Mal de Rio Cuarto in Argentina Mal de Rio Cuarto (MRC) is a severe disease of maize in Argentina. Its. A Planthopper Virus Disease. Affecting Maize, Rice, Small Grains and Grasses. Maize rough dwarf: a planthopper virus disease affecting maize, rice . Maize rough dwarf, a planthopper virus disease affecting maize, rice, small grains and grasses. Israel University Press. Jerusalem, 25 1 p. Lovisolo O., 1971. abundance and species richness of leafhoppers and planthoppers 21 Feb 2017 . Outbreaks of maize rough dwarf disease. (MRDD), caused by Rice black streaked dwarf virus (RBSDV) through planthopper insect vectors, Maize rough dwarf: a planthopper virus disease affecting maize, rice . Maize Rough Dwarf: A Planthopper Virus Disease Affecting Maize, Rice, Small Grain and. £35.10. Hardcover. Books by Isaac Harpaz. Showing 1 Result Books