

Mini data sheet on Taino tomato mottle and Havana tomato begomoviruses

Added in 1999 - Deleted in 2001

Reasons for deletion:

Taino tomato mottle and *Havana tomato begomoviruses* were already covered by the list of *Bemisia*-transmitted viruses in EU regulations. They were not considered to be an alert situation. In 2001, they were therefore removed from the EPPO Alert List.

Taino tomato mottle and *Havana tomato begomoviruses* (new tomato begomoviruses in Cuba)

Why *Taino tomato mottle* and *Havana tomato begomoviruses* came to our attention because they were recently reported in Cuba as new tomato geminiviruses (reported in 1995/96 for *Taino tomato mottle begomovirus* and in 1994 for *Havana tomato begomovirus*).

- *Taino tomato mottle begomovirus*

Where Cuba (near Havana)

On which plants Tomato

Possible identity New begomovirus

- *Havana tomato begomovirus*

Where Cuba (Province of La Habana)

On which plants Tomato

Possible identity New begomovirus

Note They are presented together, because of their similarity. However, nothing can be said now on whether these two new bipartite begomoviruses of tomato are the same or not.

Damage Data is lacking.

Pathway Tomato plants for planting (vegetables?) from infested countries.

Possible risks Tomato is an important crop for the EPPO region. However, data is lacking on the severity and extent of the disease(s), and on transmission (although, it is very probably transmitted by *B. tabaci* - high insect populations in diseased fields). Begomoviruses are reported to cause severe losses on tomatoes in Cuba (but TYLCV occurs there as well). Identity of the pathogen(s) needs to be clarified. [N.B. These viruses are covered by the broad EU category 'viruses transmitted by *Bemisia tabaci*', but not by EPPO].

Source(s) Martinez, Y.; de Blas, C.; Zabalgogeaazcoa, I.; Quiñones, M.; Castellanos, E.L.; Peralta, E.L.; Romero, J. (1997) A bipartite geminivirus infecting tomatoes in Cuba. *Plant Disease*, 81(10), p1215
Ramos, P.L.; Guerra, O.; Peral, R.; Oramas, P.; Guevara, R.G.; Rivera-Bustamante, R. (1997) Taino tomato mottle virus, a new bipartite geminivirus from Cuba. *Plant Disease*, 81(9), p 1095.

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