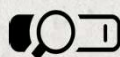


### *ToLCNDV-Spain* is not transmitted by *Trialeurodes vaporariorum* and is inefficiently transmitted by *Bemisia tabaci* MED between zucchini and the wild cucurbit *Ecballium elaterium*



*ToLCNDV-Spain*, *Begomoviruses*, Whiteflies, Transmission



Spain and Italy



***Begomoviruses*** constitute a successful group of emerging plant viruses threatening vegetable, root and fiber crops worldwide that are transmitted in nature by whiteflies of the *Bemisia tabaci* complex.

*Tomato leaf curl New Delhi virus* is a paradigmatic example of a *begomovirus* that has recently emerged in Mediterranean countries after movement from its original location in the Indian subcontinent.

The Mediterranean isolates of this virus belong to a novel strain, named "*Spain strain*", which infects **zucchini and other cucurbits** but is poorly adapted to tomato.

This study aimed to understand how the New Delhi tomato leaf curl virus is transmitted by whiteflies. Unlike a previous study, the Mediterranean virus strain is not transmitted by the greenhouse whitefly. The most common whitefly is also not an efficient vector between zucchini plants and *Ecballium elaterium*. It suggests that this wild plant, although infected, may not be significant in the virus's spread.

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