سیویلیکا - ناشر تخصصی مقالات کنفرانس ها و ژورنال ها گواهی ثبت مقاله در سیویلیکا CIVILICA.com

## عنوان مقاله:

The First Report of Tomato Yellow Leaf Curl Virus (TYLCV) Occurrence in Tomato Greenhouses of Lorestan Province

## محل انتشار:

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## خلاصه مقاله:

Tomato yellow leaf curl virus (TYLCV) is one of the most important tomatoes (Solanum lycopersicum L.) viral diseases in tropical, subtropical, and temperate regions of the world. The amount of damage caused by this virus is severe and may reach \...\%. Its natural vector is Bemisia tabaci. In order to detect and investigate the genetic diversity of TYLCV, suspected leaf samples were collected from tomato greenhouses in Khoramabad city. In the molecular evaluations, a δδ·bp fragment was amplified using the specific degenerate primer pair of Begomoviruses transmitted by whiteflies, which indicates TYLCV infection in the investigated samples, and overall, \λ infected tomato samples were detected out of \(\tau\)- samples suspected of TYLCV. Also, the comparison of the nucleotide sequences of Khoramabad isolates (Kh\) and Kh\) in NCBI confirmed the detection of TYLCV in the studied region. The determined nucleotide sequences showed \(\tau\)-\(\tau

كلمات كليدى:

Begomovirus, Detection, Genetic diversity, Khorramabad, TYLCV

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