

Home

How it works?

Supplements Gallery

Contact-Us

## Tomato : Yellow Leaf Curl Virus



### Brief Description :

Tomato yellow leaf curl virus is a species in the genus Begomovirus and family Geminiviridae. Tomato yellow leaf curl virus (TYLCV) infection induces severe symptoms on tomato plants and causes serious yield losses worldwide. TYLCV is persistently transmitted by the sweetpotato whitefly, *Bemisia tabaci* (Gennadius). Cultivars and hybrids with a single or few genes conferring resistance against TYLCV are often planted to mitigate TYLCV-induced losses. These resistant genotypes (cultivars or hybrids) are not immune to TYLCV. They typically develop systemic infection, display mild symptoms, and produce more marketable tomatoes than susceptible genotypes under TYLCV pressure. In several pathosystems, extensive use of resistant cultivars with single dominant resistance-conferring gene has led to intense selection pressure on the virus, development of highly virulent strains, and resistance breakdown.

### Prevent This Plant Disease By follow below steps :

Use only virus- and whitefly-free tomato and pepper transplants. Transplants should be treated with Capture (bifenthrin) or Venom (dinotefuran) for whitefly adults and Oberon for eggs and nymphs. Imidacloprid or thiamethoxam should be used in transplant houses at least seven days before shipping. Imidacloprid should be sprayed on the entire

### Supplements :



plant and below the leaves; eggs and flies are often found below the leaves. Spray every 14-21 days and rotate on a monthly basis with Abamectin so that the whiteflies do not build-up resistance to chemicals.

[Download Report](#)

Syngenta Amistor Top Fungicide

[Buy Product](#)