

## Yellow Leaf Disease



Yellow leaf disease (YLD) caused by Sugarcane yellow leaf virus (SCYLV) is recently recorded diseased in India and is found wide spread throughout country. In popular varieties, the disease incidence varied from 0 to 75% and attained epidemic level under field condition.

## Symptoms

- Symptoms of Yellow leaf disease are a yellowing of the leaf midrib on the underside of the leaf
- . The yellowing first appears on leaves 3 to 6 counting down from the top expanding spindle leaf. Initial symptoms of yellow leaf, with a yellowing of the lower surface of the leaf midrib of leaves 3 to 6 counting from the top expanding spindle leaf.
- Yellowing is most prevalent and noticeable in mature cane from October until the end of harvest in March. The yellowing expands out from the leaf midrib into the leaf blade as the season progresses until a general yellowing of the leaves can be observed from a distance.



## Transmission

The virus is transmitted by aphids, *Melanaphis sacchari* and *Rhopalosiphum maidis*, in a semi-persistent manner. The virus is also spread by planting infected seed cane.

## Management

- Healthy planting material free from disease and insect pests
- Insect pests management will help to reduce the spread of the disease.
- TC plantlets use for the breeder seed production.