**Citrus Withertip**

**History and Importance:**

**Etiology:**

Causal organism: *Colletotrichum gloeosporides*

**Symptoms:**

* Shedding of leaves and die back of twigs.
* Dead twigs give silvery appearance.
* Reddish brown stain (color) on fruit rind\*(outer skin of fruit).

**Disease cycle:**

* Infected twigs and branches are source of infection.
* Spores spread through air to new plantation.
* Wounds provide the entry points for the pathogen.

**Epidemiology:**

* Temperature 22-26°C
* High relative humidity

**Management:**

* Pruning of infected twigs and branches followed by spray of fungicides.
* Bordeaux paste at 1:2:12, i.e. 1 kg of copper sulphate and 2 kg of lime mixed in 12 litres of water.
* Spray of 0.33% prenox.
* Spray copper based fungicides e.g. copper oxychloride 3 ml per litre of water starting in July and repeat twice with an interval of 21 days. Difenoconazole 3ml per litre of water also show good results.
* Avoid overhead irrigation