

Brown spot



Causal organism: *Cercospora longipes*

The brown spot disease is minor on sugarcane, now a day they become major on notable genotypes CoM 0265 (35 % area) one due to the unseasonal and unusual rainfall, change in the humidity pattern and change in other climatic factors with the effect global warming.

Symptoms

- Brown spot causes red-brown oval shaped lesions with yellow halo 3-15 mm on the leaf blade. The spots are surrounded by a narrow yellow halo.
- Severely affected leaves die prematurely giving fields a scorched appearance. Spores of the fungus are produced on both sides of the leaf and are spread by wind blown rain.



Management

1. Use of the disease resistant varieties.
2. Foliar application of Copper oxychloride 0.2% or Mancozeb 0.3%, 2 to 3 times at an interval of 10 to 12 days immediately after the disease appear.
3. Removal of affected and dried leaves and destruction by burning.



Brown spot disease incidence