

Brown rust



Tawny rust



Orange rust

Detected on traps in Komati but has not been observed on cane in South Africa



Brown rust

Lesions (marks) on leaf:

- cinnamon brown to dark brown
- up to 20 mm long
- more severe towards leaf tip

Spores:

- brown when fresh
- usually only on the lower leaf surface

Favoured by cool nights, warm days

Tends to occur on young crops (< 6 months)

Tawny rust

Lesions (marks) on leaf:

- orange to reddish-brown
- similar in size to brown rust
- more severe towards leaf tip

Spores:

- orange when fresh, profuse
- also occur on upper leaf surface

Appears to be favoured by cool, moist weather

Has been observed on cane of all ages

Orange rust

Lesions (marks) on leaf:

- orange to reddish brown
- up to 4 mm long
- more severe towards leaf base

Spores:

- orange when fresh
- usually only on the lower leaf surface

Favoured by humid, warm conditions

Tends to occur on mature crops (>6 months)