DAMAGE CHARACTERISTIC

- Disease affects coconut palms which have developed stem.
- It may also result from weevil attack, lightning injury, heavy rain and heavy manuring.
- Weaken the palm and consequently decreases its yield. Severe infection can be lethal to the palm.

APPEARANCE

- Stem bleeding caused by *Thielaviopsis paradoxa* (de Seynes) Von Hohnel
- Oozing of rust-colored fluid from diseased stem
- Rust colored fluid ceased turn black
- Multiple infection may occur and coalesce to cover large portion of stem
- Tissues beneath oozing lesion surrounded by yellowish zone.
Too much damage of internal tissues on young palms creates hollow stem.

DISEASE MANAGEMENT PRACTICE

Prevention

- Provide adequate drainage to avoid extreme fluctuations of soil moisture within the root zone that favors disease management.
- Avoid unnecessary wounding of palms.
- Practice good farm management

Control

- Chiselling out and later burning affected tissues including about 5 cm of the healthy portion.
- Spraying the wound with Aliette & Benlate fungicide prior to coal tar application.
- Paint/dressed wound with coal tar.

FOR ADDITIONAL INFORMATION:

Call, write, or visit:

The Crop Protection Division
Davao Research Center
Philippine Coconut Authority
Bago-Oshiro, Davao City
Tel. No. (082) 293-0116
Fax No. (082) 293-0571
E-mail: pca-cpd@mozcom.com
pca-asd@mozcom.com