



Ministry of Industry, Commerce, Agriculture & Fisheries

## Research & Development Division

### Frosty Pod Rot Symptoms



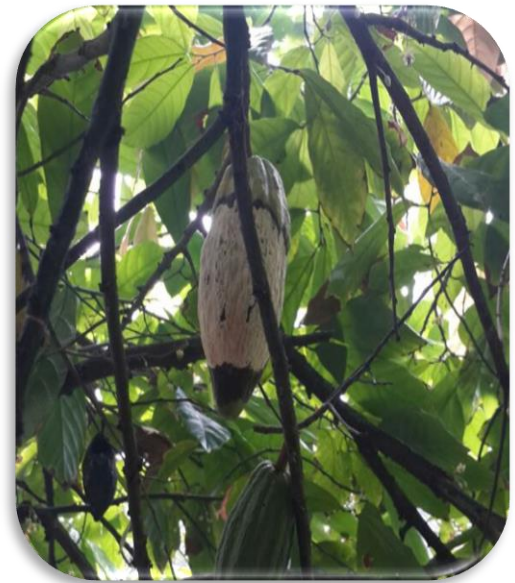
*Symptoms on young  
fruits*

- Swellings
- Yellow discolouration

# FROSTY POD ROT OF COCOA

**Frosty Pod Rot** is a disease of cocoa caused by the fungus - *Moniliophthora roreri*.

It invades growing cocoa pods, damaging them and the seeds they produced.



## Disease of Cocoa (*Theobromae cocoa*)



*Internal symptoms*

- Reddish-brown harden seeds



*External symptoms*

- Spores (powder-like in appearance) growing on necrotic pod

## MANAGEMENT

- 1) Remove all fruits showing signs or symptoms of the disease.
- 2) Place infected fruits on the ground where they were removed and completely cover with soil or leaves to prevent spore dispersion or lime to hasten decomposition.
- 3) After peak harvest remove all infected and healthy fruits before the next flowering peak.
- 4) When removing pods, make clean cuts at the peduncle to avoid exposure of the internal tissue.
- 5) Lightly prune trees at least twice per year to keep tree canopy low and thinned.
- 6) Apply copper-based fungicides to trees to reduced viable spores.