

# BEWARE OF HUANGLONGBING (HLB) (ASIAN STRAIN OF CITRUS GREENING)

## Symptoms to look out for:

- Symptoms on leaves and shoot include yellow shoots, asymmetric, mottled leaves, small upright chlorotic leaves, out of phase flushing and branch dieback.
- Flower and fruit symptoms include unseasonal and heavy flowering on diseased branches, small, lopsided, bitter-tasting fruit with small, brown, aborted seeds and uneven colouring at maturity, and excessive fruit drop.



Asian Citrus Psyllid (Photo by David Hall/Wikimedia Commons)



An orange affected by Asian Citrus Greening (Photo by CRI)



HLB symptomatic sweet orange tree

(Photo by Jinhe Bai, American Society for Horticultural Science)



Classic blotchy mottling caused by Asian Citrus Greening

(Photo by CRI)

## Contacts

**To report occurrence or suspected occurrence of the pest, contact:**

Directorate: Plant Health  
Division: Early Warning Systems  
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Email: JanHendrikV@dalrrd.gov.za

**For awareness and promotion enquiries, contact:**

Directorate: Food Import & Export Standards  
Division: Plant Health Promotion  
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