Morphological and Molecular Characterization of Sumatra Disease of Clove in Central Java, Indonesia

Authors:
Bambang Trianom, Triwidodo Arwiyanto and Tri Joko*

*Correspondence: tjoko@ugm.ac.id

DOI: https://doi.org/10.21315/tlsr2019.30.2.8

Highlights

- The Sumatra disease has spread widely throughout the Java Island.
- The use of egl gene as molecular marker is reliable to correct identification.
- The causal pathogen of Sumatra disease belongs to *Ralstonia solanacearum* phylotype 4 as revealed in phylogenetic analysis.