Processing Samples in the HLB Lab

Samples arrive at lab, are entered into database, ID-numbered, stored in freezer

Sample petioles are chopped, 0.10g weighed and placed in 96-well plate with metal beads

Samples freeze-dried overnight, BeadBeat until powdered

DNA extracted from samples in 96-well plate format, frozen for storage

96-well plate is run on real-time PCR machine for detecting the presence of HLB-specific gene

PCR results are entered into database, report generated and sent to sample submitter