



Tree Investigations - What test equipment should I use?

Type of Assessment	Decay Detection						Tree Stability			Rootzone			Tree Canopy			
Investigation Methods Area of Concern	Sonic Tomography	Microsecond Timer	Stem Radar	Electrical Resistance Tomography	Resistograph	Thermal Imagery	Static Tree Pull	DynaRoot	DynaTree	Ground Penetrating Radar	Root Detector	Air Excavation	Drone Survey	Chlorophyll Fluorescence	Aerial Inspection	Leaf Analysis
Premature Leaf Fall/Damage						✓							✓	✓	✓	✓
Canopy Dieback				✓		✓							✓	✓		✓
Canopy Cavities & Hollows	✓	✓	✓	✓	✓	✓									✓	
Canopy Fire Damage				✓		✓							✓	✓	✓	
Pest and Disease Monitoring													✓	✓	✓	✓
Stem Cavities and Faults	✓	✓	✓	✓	✓	✓	✓		✓						✓	
Heartwood Decay Fungi	✓	✓	✓	✓	✓	✓	✓		✓						✓	
Stem Damage	✓	✓	✓	✓		✓	✓		✓							
Stem Surface Decay	✓		✓	✓	✓	✓	✓		✓							
Stem Fire Damage				✓		✓	✓		✓					✓		
Stem Vessel Damage			✓	✓		✓								✓		
Root Damage				✓		✓	✓	✓	✓	✓		✓		✓		
Root Decay Fungi				✓	✓	✓	✓	✓	✓	✓		✓		✓		
Root Excavation Damage				✓		✓	✓	✓	✓	✓	✓	✓		✓		
Root Mapping										✓	✓					
Ground Compaction										✓		✓		✓		✓
Ground Contamination										✓				✓		✓
Leaning Tree and Stability	✓		✓				✓	✓	✓							

Save time, money and make the right decision, based on evidence. Lets find the right test.