

# ISA Basic Tree Risk Assessment Form

Client \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Address/Tree location \_\_\_\_\_ Site No. \_\_\_\_\_ Street \_\_\_\_\_ of \_\_\_\_\_  
 Tree species \_\_\_\_\_ DBH \_\_\_\_\_ Height \_\_\_\_\_ Crown spread dia. \_\_\_\_\_  
 Assessment \_\_\_\_\_ Time taken \_\_\_\_\_ Tools used \_\_\_\_\_

### Target Assessment

H	Target/Condition	Response				Action/Management	Priority
		Low	Medium	High	Critical		
1							
2							
3							
4							

### Site Factors

History of failure \_\_\_\_\_ Topographic No.  Slope  Aspect \_\_\_\_\_  
 Site margin: None  Grass strip  Driveway  Street or highway  Footpath  Driveway  
 Soil condition: Limited-soluble  Improved  Shallow  Compacted  Poor/acid soil level  Describe \_\_\_\_\_  
 Prevailing wind direction \_\_\_\_\_ Common weather: Strong wind  Ice  Snow  Hurricane  Describe \_\_\_\_\_  
**Tree Health and Spring Failure**  
 Major loss:  Normal  High  Severe loss previously  None present  Normal \_\_\_\_\_ N. Growth \_\_\_\_\_ N. Health \_\_\_\_\_ N. Fall \_\_\_\_\_  
 Specific failure profile: Branch  Root  Stem  Describe \_\_\_\_\_  
 Land factors: \_\_\_\_\_  
 Wind exposure: Increased  Partial  Full  Wind breaking  Relative exposure: Low  Medium  Large   
 Crown density: Sparse  Normal  Dense  Winter/summer loss  Normal  Dense  Windthrow/bleed-through   
 Specific plant damage to soil factors \_\_\_\_\_

### Tree Defects and Conditions Affecting the Structural Value

#### — Crown and Branches —

Structural crown  OK \_\_\_\_\_ N. Decay  Lightning damage   
 Dead substructure  Normal \_\_\_\_\_ N. die \_\_\_\_\_ Substructure  retained stem   
 Branch/limb: Number \_\_\_\_\_ Size dia. \_\_\_\_\_ Weak/rotting  Decay/Dead limb \_\_\_\_\_ N. die \_\_\_\_\_  
 Root/soil interface  Root/soil interface  Stable branch point   
**Fracture/Leak**  
 Crown present  Absent  Absent  Fracture/Leak  Crown/limb/limb  Representative   
 Bark  Sapwood  Unrotted  Decay  Root/soil interface   
 Root rot  Decay \_\_\_\_\_  
 Non-wooded \_\_\_\_\_

Leaf or debris: low  None  Medium  Significant   
 Structural failure: moderate  Possible  Probable  Imminent

#### — Trunk —

Qualifying bark  Abnormal bark/structure   
 Defoliated stem  Undeveloped  Decay   
 Severe damage/decay  Crown/limb/limb  See note   
 Lightning damage  Mechanical injury  Decay/Abnormal   
 Decay/limb fall \_\_\_\_\_ N. die \_\_\_\_\_ Root rot   
 Size \_\_\_\_\_ Diameter \_\_\_\_\_  
 Response growth \_\_\_\_\_  
 Non-wooded \_\_\_\_\_  
 Leaf or debris: high  None  Medium  Significant   
 Structural failure: moderate  Possible  Probable  Imminent

#### — Roots and Root Collar —

Collar functioned well  Death \_\_\_\_\_ Term rotting   
 Root  Easy  Complicated   
 OK  Only  N-OK   
 Decay  Ca/Damaged root  Structural root \_\_\_\_\_  
 Root/soil interface  Not assessed   
 Response growth \_\_\_\_\_  
 Non-wooded \_\_\_\_\_  
 Leaf or debris: high  None  Medium  Significant   
 Structural failure: moderate  Possible  Probable  Imminent