

TREE AND SHRUB DISEASE IDENTIFICATION FORM

Information to Supplement the Plant Disease Identification Form

Many tree and shrub problems are best diagnosed only after careful inspection of the whole plant in its growing site. However, because the plant disease diagnostician cannot visit the growing site, the grower's observations and information can be of tremendous help in formulating a diagnosis. The more information the grower provides, the better the diagnostician will be able to narrow down the cause(s) of the problem.

**Please complete as much of the following as possible in addition to the Plant Disease Identification Form
(Include relevant photos, if available)**

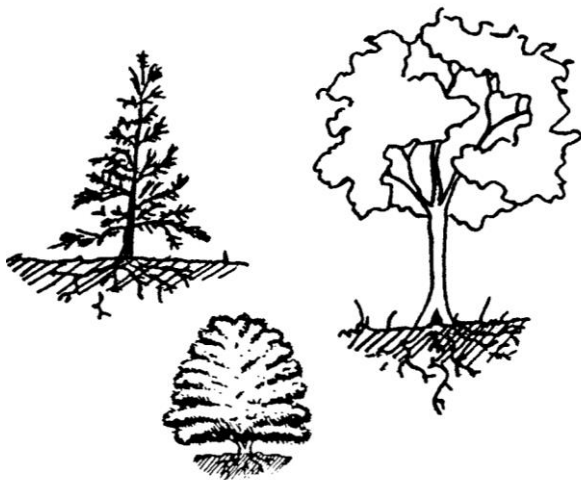
General Information

Approximate height (feet) _____ Trunk diameter (inches) _____ Trunk diameter at planting _____

Time in present site _____

Symptoms

1) What is the distribution of affected branches? Indicate location of damage on the diagram below.



- Scattered branches all over tree/shrub
- One portion of tree/shrub only
- Several portions of tree/shrub
- Entire plant
- Other _____

2) What is the progression of symptoms throughout the tree/shrub (e.g. from lower branches to top; from branch tips toward trunk; from one side to another, etc.)?

3) What is the progression of symptoms on leaves/needles? (e.g. leaf margins/needle tips inward; between leaf veins)?

4) Has problem occurred slowly or rather suddenly? How rapidly? _____

5) Are cankers, sunken areas, or injuries (mower, string trimmer, or other) present on main limbs or trunk? Yes No

Describe size and location _____

How old are cankers or injuries indicated above? _____ Is there any evidence of closure (callus)? Yes No

6) Does tree have a girdling root up near trunk, at soil level, or below soil level? Yes No

[Look for a large root forming a "noose" around trunk within 12 inches of soil surface. Mature trees (15 years or more) that are girdled lack a normal flare of the buttress roots and trunk will appear to go straight into the ground (like a telephone pole)].

(continued on reverse side)

- 7) Are there other plants of this type also showing the same symptoms? Yes No Are there healthy plants of the same type nearby? Yes No Are there other plants not of this type showing the same symptoms? Yes No
- 8) Are mushrooms, bracket fungi, or conks apparent on trunk or at base of tree/shrub? Yes No If so, describe:
-

Growing Site

- 1) Is tree/shrub surrounded by pavement or buildings? Yes No Is soil around tree/shrub compacted? Yes No
- 2) Is tree/shrub in full sun partial shade full shade
- 3) Have roots been disturbed in the past 5 years? Yes No Has the grade (soil level) around tree/shrub changed in the past 5 years? Yes No If yes, explain soil added soil removed Reason _____
- 4) Is tree/shrub located in a low wet area or at the base of a downspout? Yes No Does water stand or puddle on soil after rain? Yes No Is tree/shrub in a site where topsoil was removed (e.g. a new home development)? Yes No

Cultural Practices

- 1) Is there mulch around tree/shrub base? Yes No Is there a tree guard around trunk? Yes No
- 2) Has tree ever been topped Yes No When? _____
- 3) Has tree/shrub been bumped by lawn mower, string trimmer, or other equipment? Yes No
- 4) Have herbicides been used to control weeds in lawn around tree other _____
- 5) Is tree/shrub watered thoroughly during dry periods (equivalent of at least 1 inch of rain per week)? Yes No
- 6) If tree/shrub was transplanted in last 2 to 3 years, describe method _____

Was plant bare root container-grown ball & burlap Container diameter _____ or root ball size _____

If ball & burlap: type of root ball covering degradable burlap plastic other _____

Before planting, was root ball covering removed loosened slit

- 7) What were the results of last soil test taken for this site? pH _____ P _____ K _____

Ca-Mg _____ When was the last time tree/shrub or surrounding lawn was fertilized? _____

[Be sure to indicate type of fertilizer on Plant Disease Identification form]

How was fertilizer applied cores dug broadcast injection other _____

Applied at drip line near trunk other _____

Additional Information