

Tree Injury Report Form – Page 1

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PLEASE NOTE: Monitor/witness information is for data verification **ONLY** and will remain private. While tree health information will be shared publicly, all personal information and detailed site location information will be coded and therefore **NOT** publicly visible.

Observer: First Name _____ Last Name _____
 *Address _____ *City _____ * Zip _____
 *Phone: _____ *e-mail _____ Date: _____ *Witness Name: _____
 Site ID: _____ Subunit: _____ **County: _____
 *Initial Visit Planned? [] yes [] no *Visit #: _____ *[] **check if GPS not used; see page 2**
 **GPS (Lat/Long) in Decimal Degrees: N _____ W _____

Species and Injury Observed: At least one Indicative symptom (**bolded**) under Symptoms must be present (checked), otherwise injury is “0” (see instructions for exceptions). If multiple species are affected, data from at least two plant families (e.g., oak, redbud) are preferable. Use back of form and notes to record additional affected species.

	Species 1 photo? Y / N	Species 2 photo? Y/N	Species 3 photo? Y/ N
common (or scientific) name			
approx.. # observed			
% foliage affected [1,2,3, or 4]			
avg. & range of injury b(a-c) [0-10]			
SYMPTOMS - MARK "x" IF PRESENT	-----		
<u>Leaves:</u> curled/cupped			
sideways/upside down (epinasty)			
irregular margins			
strapped			
tattered			
twisted and/or deformed			
veins bleached and/or parallel			
<u>Shoots:</u> elongated, coiled or bent			
deformed & growth suppressed			
<u>Leaves:</u> chlorotic (yellowed)			
necrotic (brown/black areas)			
2 nd growth			
<u>Trees:</u> epicormic branching			
dieback			
death			

Notes: (other affected species, etc., see guidelines) _____

***Layers:** Check for affected layers, strikethrough if layer is absent: [] Overstory [] Understory [] Ground layer

****Geographic Extent of Observed Injury:** (check and complete only one with “best-fit”)

[] **LARGE** (> 1 acre) Type: _____ (e.g., upland woodland, large park) Approx. acreage _____

[] **SMALL** (< 1 acre) Type: _____ (e.g., yard , school, park) Approx. # trees affected _____

[] **LINEAR** Type: _____ (e.g., fencerow, edge of woods) Approx. length _____ (indicate ft or miles)

***OPTIONAL Injury Pattern and Land Use:** See guidelines; record pattern and land use data on Page 2 of form.

Items marked * = complete only once per site visit Items marked ** = complete only once per site

Tree Injury Report Form – Page 2

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Alternate location detail if on-site GPS is not used: You may...

- Obtain GPS points from Google Earth (record on Page 1)
- Describe from nearest road Intersection or prominent landmark.
- Use Township, Range, Section and ¼ Section
- Use a 911 street address

Alternate Location Description: _____

Species and Injury Observed continued:

	Species 4	photo?	Y	N	Species 5	photo?	Y	N	Species 6	photo?	Y	N
Common (or scientific) name												
approx. # observed												
% foliage affected [1,2,3, or 4]												
avg. & range of injury b(a-c) [0-10]												
SYMPTOMS - MARK "x" IF PRESENT	-----											
<u>Leaves:</u> curled/cupped												
epinasty (sideways/upside down)												
irregular margins												
strapped												
tattered												
twisted and/or deformed												
veins bleached and/or parallel												
<u>Shoots:</u> elongated, coiled or bent												
deformed & growth suppressed												
<u>Leaves:</u> chlorotic (yellowed)												
necrotic (brown/black areas)												
2 nd growth												
<u>Trees:</u> epicormic branching												
dieback												
death												

Notes: _____

OPTIONAL Injury Pattern and Land Use Information: _____

Foliage Affected

- 1 = 1-25%
- 2 = 25-50%
- 3 = 50-75%
- 4 = 75-100 %

Injury Levels

- 0 = none observed
- 1-2 = slight
- 3-4 = light
- 5-6 = moderate
- 7-8 = severe
- 9-10 = extreme

Layers

- Overstory = > 30'
- Understory = 10-30'
- Ground = < 10'

Symptoms

- Curling/Cupping (leaf edges up or down)/or whole leaf)
- Epinasty (leaf petioles twisted; blades sideways or upside down)
- Strapping (abnormal leaf lengthening)
- Tatters (blade tissue missing at edges)
- Twisted &/or deformed (blade twisted, lobes irregular, surface irregular)

- Irregular margins (scalloped, pointed, wavy)
- Shoot elongated, coiled, bent (generally most visible at leaf out)
- Shoot deformed and growth suppressed (failure to fully develop, often many co-occurring symptoms)
- Chlorosis (yellowish, whitish leaves)
- Necrosis (browning/blackening - often at leaf edges)
- Epicormic sprouting (twig bunches sprouting from large branches or trunk)
- Death (whole tree death)
- Dieback (whole branches dead)
- Second growth