



Maintenance Plan



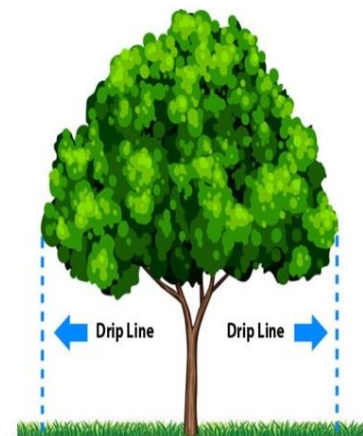
Address: _____

Maintenance POC: _____

Water Access: _____

Notes on watering:

- Deep watering is defined by turning hose on to a trickle, and letting it sit at each tree for: 20 minutes OR approximately 5 gallons. Water should be applied slowly to the “drip zone” area of the tree below the foliage (see picture to the right), making sure to cover the area at and around the root ball.
- If you do not have access to a water source, you can reuse paint buckets or gallon sized milk jugs to bring water onto the site. If you have watering concerns, please contact the WSA Restoration Department
- Watering is needed (**especially for trees planted within the past two years**) when there are periods of more than 6 days without at least an inch of rainfall



Water evenly at the drip line away from the trunk of the tree. Water slowly in a circular pattern, allowing the water to penetrate the soil at least a foot down.

Short Term Maintenance (First 3-6 months after planting):

- At the time of planting, trees should receive 3-5 gallons of water.
- In the next four to eight weeks after planting, trees should receive 3-5 gallons of water once every one to two weeks depending on how warm it is (days with consistent temperatures above 65 degrees Fahrenheit = water every week)
- **If the planting was done in the spring season, trees should be watered with 3-5 gallons twice a week through the first month and then be watered once a week until they enter dormancy in the winter.**
- **If the planting was done in the fall season, trees should be watered with 3-5 gallons once a week until they enter dormancy in the winter.**

Things to watch out for as you monitor your trees (to be done as needed through entire project lifetime):

- Pruning to shape the tree for space and promote healthy growth. Guidance on pruning can be found here: <https://extension.umd.edu/resource/pruning-trees>
- Monitor your trees for pests and disease, keeping an eye out for leaf spots and insect damage. Please send any concerns to the WSA Restoration Department or contact UMD Extension at <https://extension.umd.edu/programs/environment-natural-resources/program-areas/home-and-garden-information-center/ask-extension>
- Invasive plant growth on the deer protection tubes as well as on the tree itself. Keep an eye out for particular climbing invasives such as oriental bittersweet and english ivy

2023 Maintenance Plan

<p>Jan.</p>	<p>Feb.</p>	<p>Mar. Weekly, deep watering for last two weeks as trees exit dormancy. Assess mulching (is it still there?), and re-mulch if needed. Observe for signs of deer browse.</p>	<p>Apr. Weekly, deep watering during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>
<p>May Weekly, deep watering during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>	<p>Jun. Weekly, deep watering during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>	<p>Jul. Weekly, deep watering during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>	<p>Aug. Weekly, deep watering, unless consistent rain events occur. Observe for signs of deer rub.</p>
<p>Sept. Weekly, deep watering, unless consistent rain events occur. Observe for signs of deer rub.</p>	<p>Oct. Weekly, deep watering. Observe for signs of deer rub. Replace deer protection, if needed.</p>	<p>Nov. Assess mulching (is it still there?), and re-mulch if needed.</p>	<p>Dec. Remove and replace deer protection, if needed. Pruning as needed.</p>

2024 Maintenance Plan

<p>Jan.</p>	<p>Feb.</p>	<p>Mar. Bi-monthly, deep watering for last couple of weeks as trees exit dormancy. Assess mulching (is it still there?), and re-mulch if needed. Observe for signs of deer browse.</p>	<p>Apr. Bi-monthly, deep watering. Weekly during period of drought that exceed 7 days. Observe for signs of deer browse.</p>
<p>May Bi-monthly, deep watering. Weekly during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>	<p>Jun. Weekly, deep watering during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>	<p>Jul. Weekly, deep watering during periods of drought that exceed 7 days. Observe for signs of deer browse.</p>	<p>Aug. Weekly, deep watering, unless consistent rain events occur. Observe for signs of deer rub.</p>
<p>Sept. Weekly, deep watering, unless consistent rain events occur. Observe for signs of deer rub.</p>	<p>Oct. Bi-monthly, deep watering. Remove and replace deer protection, if needed. Observe for signs of deer rub.</p>	<p>Nov. Assess mulching (is it still there?), and re-mulch if needed.</p>	<p>Dec. Remove and replace deer protection, if needed. Pruning as needed</p>

2025 Maintenance Plan

Jan.	Feb.	Mar. Bi-monthly, deep watering for last couple of weeks as trees exit dormancy. Assess mulching (is it still there?), and re-mulch if needed. Observe for signs of deer browse.	Apr. Bi-monthly, deep watering. Weekly during period of drought that exceed 7 days. Observe for signs of deer browse.
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Sept. Weekly, deep watering, unless consistent rain events occur. Observe for signs of deer rub.	Oct. Bi-monthly, deep watering. Remove and replace deer protection, if needed. Observe for signs of deer rub.	Nov. Assess mulching (is it still there?), and re-mulch if needed.	Dec. Remove and replace deer protection, if needed. Pruning as needed

2025 and onward:

- Water trees during periods of drought that exceed 7 days. Monitor trees that prefer wetter conditions to make sure they are receiving adequate water during the summer months.
- Once the tree trunk has grown past 3in in diameter, you can remove the deer protection.
- Mulching, pruning, and weeding should be done as needed. Be sure to watch for invasive plants that like to climb up the trees. Prune only in winter and selectively.
- For any maintenance related questions, please contact the WSA Restoration Department