



Box Area = Drip Line

Be Waterwise

- **Watering can be accomplished by: Deep root, soaker hose and irrigation watering.**
- **12" of soil depth must be wet in order to ensure proper amount of watering was accomplished.**
- **Like people, trees need water to survive.**

TREE WATERING GUIDELINES

2" Diameter = 20 gallons of water "10 minutes" Using a hose	Twice a month for newly planted (0-2 yrs) Once a month for established trees (3yrs and older)
4" Diameter = 40 gallons of water "10 minutes" Using a hose	Twice a month for newly planted (0-2 yrs) Once a month for established trees (3yrs and older)
6" Diameter = 60 gallons of water "15 minutes" Using a hose	Twice a month for newly planted (0-2 yrs) Once a month for established trees (3yrs and older)

Recommended Tree Watering Guidelines and Facts for Village Residents

Watering Guidelines: Newly, Established and Tree's facing Drought

Watering Newly Planted Trees

- Watering newly planted trees is essential in the long-term success of the trees life and growth.
- Irrigate or hand water newly planted trees as needed. It is important to water at the base of the newly planted tree making the entire root ball area wet.
- Checking the soil on periodic basis will let you determine if the tree needs to be watered. **IF THE SOIL IS DRY, THE TREE NEEDS WATER.**

Watering Established Trees

- Established trees should be watered at the trunk. Irrigate or hand water from the trunk outwards towards the trees drip line (the edge of the tree's leaves).
- A basic rule of thumb; per inch diameter of the trees trunk, apply the diameter x 10 in gallons of water. **Example: A tree that is 4" in diameter needs 40 gallons of water.**
- Water should be applied to established trees once a month during the winter and as often as once a week during the heat of the summer

Irrigating Trees in Drought

- During times of drought, a lack of moisture can cause trees to suffer from drought stress. One early sign of drought stress is wilted leaves. Another sign is leaf scorching, when the edges of leaves or the space between a leaf's veins turn brown.
- When a tree begins to exhibit signs of drought stress, irrigation must begin immediately to avoid long term damage to the tree.
- Watering must be completed in accordance of the water district's policies.

Important Fact About Tree Watering

May Through September:

- In normal precipitation years, trees located in irrigated turf areas do not need additional water.

October through April:

- During prolonged dry periods, water once or twice a month, using 10 gallons of water for each inch of the tree's diameter.

- Water only when the temperature is above 40 degrees and there is no snow on the ground.
- In times of drought and water restrictions, trees should be given priority over other landscape plants, including lawns.

- Why? It takes 20 years of growth for a newly planted tree to reach the size of an existing 20 year old tree.

- Mulch helps retain soil moisture: Apply a band of organic mulch 2 to 3 feet from the base of the trunk at a depth of 4 inches. Eliminate turf prior to applying mulch so water is directly transferred to the tree roots. Use a shredded wood mulch material to retain the proper balance of moisture and compact to reduce erosion or movement of the material.