

Neighborhood Tree Fund

Tree Planting Slide Show

City of Seattle Dept. of Neighborhoods
&
SDOT Urban Forestry



- 
- Environmental Health
 - Financial Benefits
 - An Attractive Community

Seattle's Forest Canopy is estimated to provide 23 percent coverage.

30% is recommended in Seattle's Urban Forest Management Plan

Planting trees...



IT'S EASY!!!!

Planting trees...

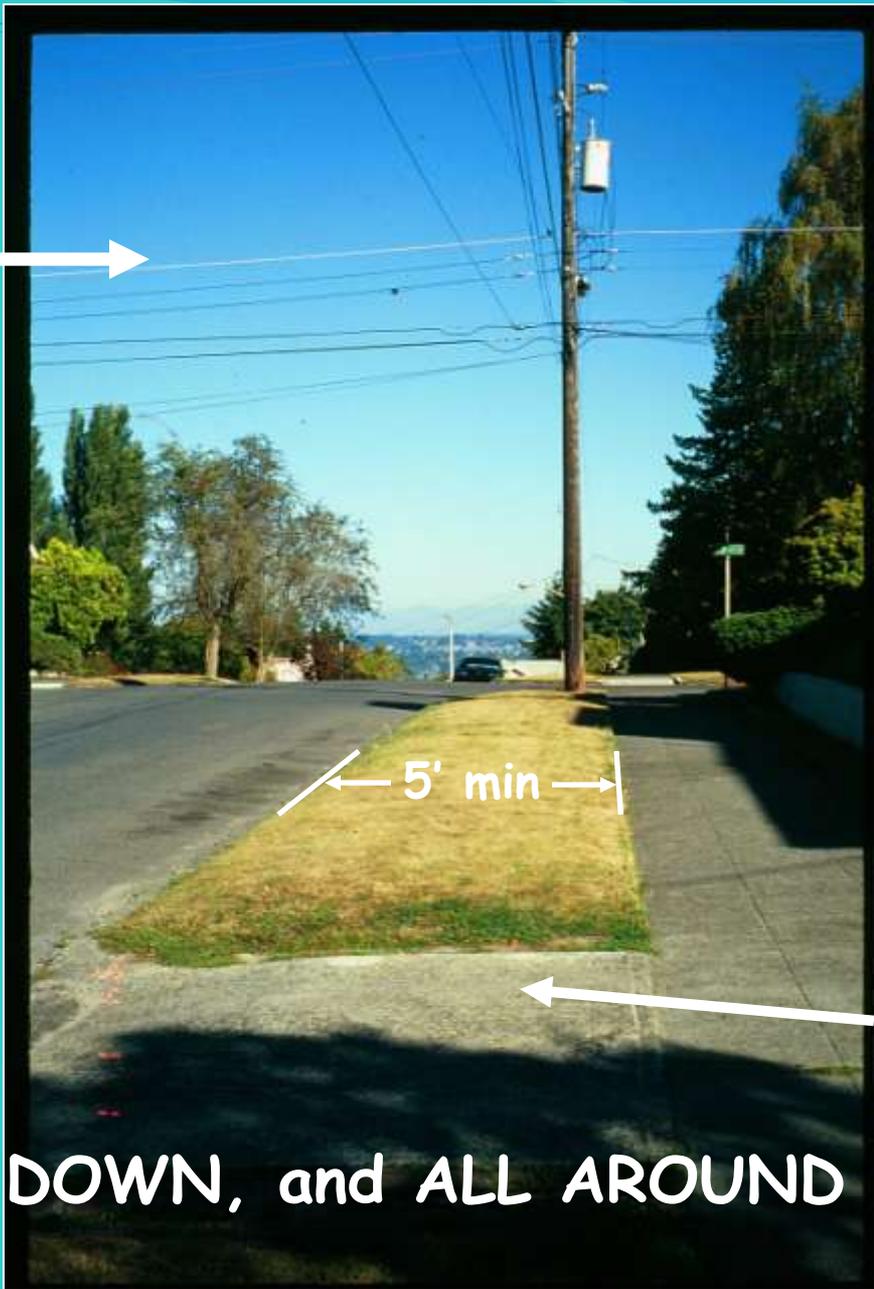


OR IS IT?...



IS IT THE RIGHT TREE
FOR THE SPACE??!!

Overhead wires



Driveway



Look UP, DOWN, and ALL AROUND

A photograph of a lawn with colorful markers (yellow, red, blue) and a black pipe visible in the background. The image is framed by a black border.

1-800-424-
5555

Call 2 working days
before U DIG

White paint is for trees



Red Paint Lines

= *Power*



"No P" means no power!



Blue Paint Lines = Water Meter

5' Clearance is required.

Sewer Cards

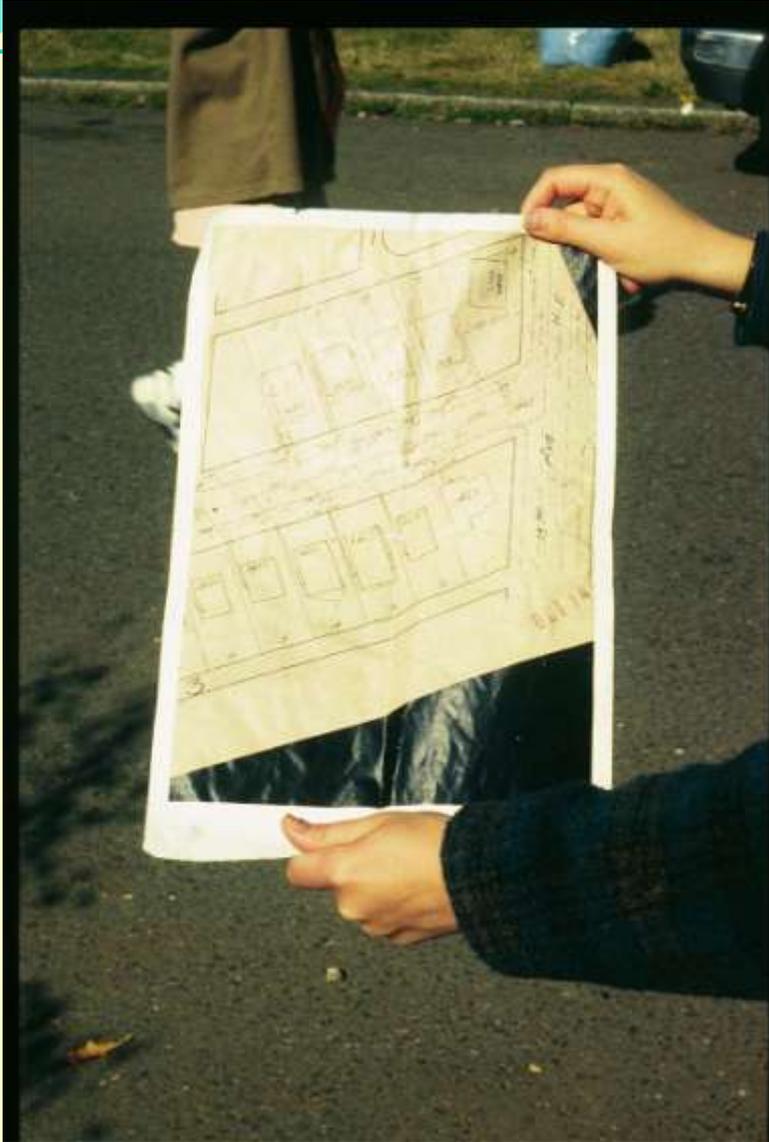
Show the location of the sewer lines from the main line to your house. They also indicate how deeply the lines are buried.

Copies of Sewer Cards are obtained from the Department of Planning and Development sidesewerinfo@seattle.gov

20th floor of the Seattle
Municipal Tower

700 Fifth Ave

684-5362





What to do when....

*The tree marks are within
5' of underground
utilities??*

- Move the tree to a new location with the property owner's permission that meets our setback requirements

OR

- Call DON (684-0464) to come and pick up the tree for planting elsewhere



Use **GOOD** body mechanics:

- *Lift with your legs*
- *Keep your back straight*
- *Share the load - Tarps are great for carrying trees*



Be aware of your surroundings!



TOOLS OF THE TRADE

Preparation

- Wire baskets
- Burlap or plastic
- Twine
- Trunk protectors

Packaging!!





Remove all tags and twine
BEFORE
you put the tree into the hole!

If B&B...

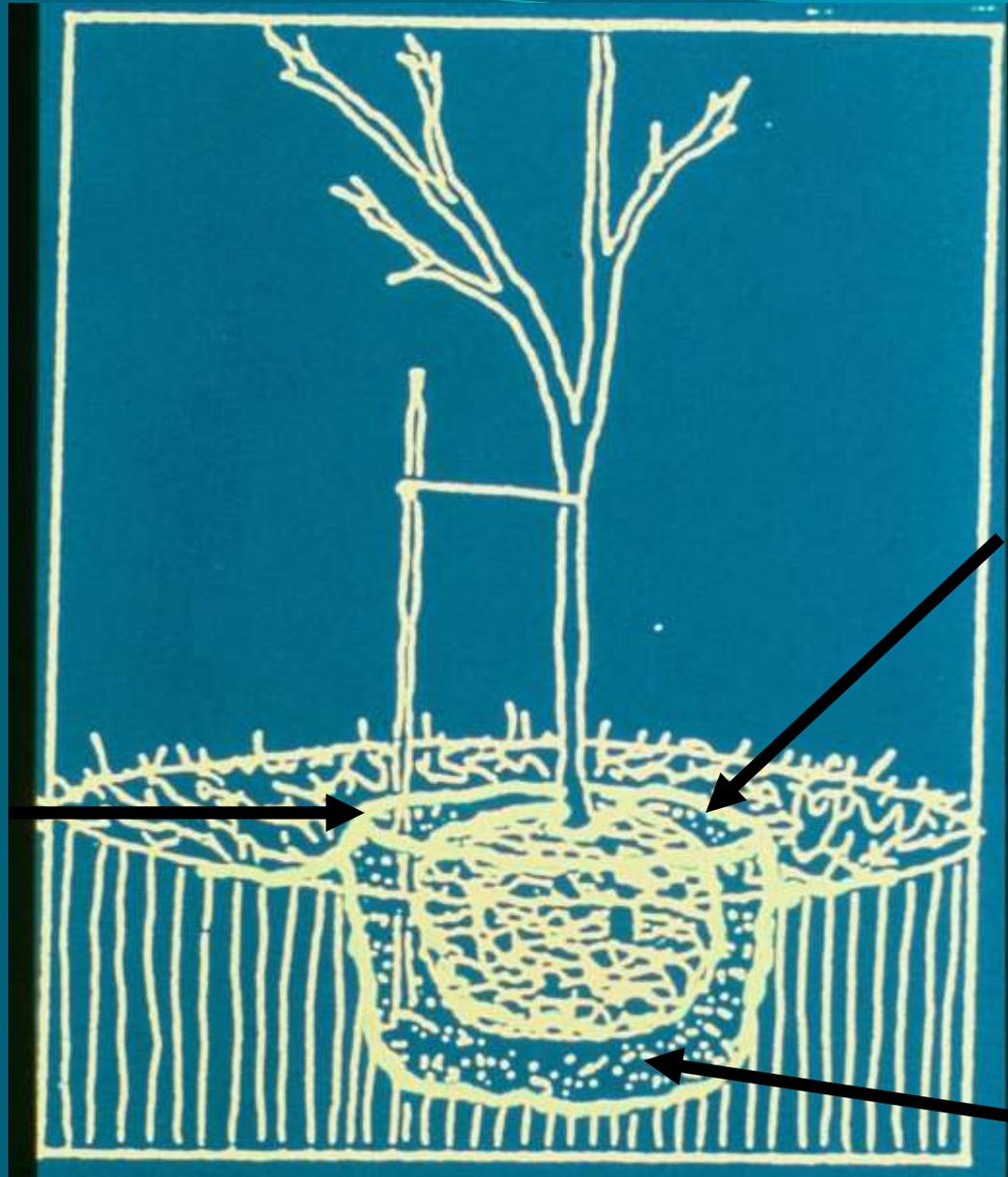


, ... cut & remove the
bottom of the basket.



WHAT'S WRONG WITH THIS PICTURE?

SMALL
HOLE



PLANTING
TOO DEEP

LOOSE
SOIL



Trunk flare should be above ground



Graft union

The graft union is NOT the trunk flare!



*Measure the root ball
then measure the hole*

*Measure twice, dig
once!*



Minimum hole size should be twice the diameter of the soil ball - the larger, the better.



Square or Round? Your Choice!





Cutouts in sidewalks
provide extra room for growing roots



Augurs speed digging... but don't go too deep!



“PRECISION PICKING”



Place the tree into a wide shallow hole... lifting by the root ball, not the trunk!



Look for the root flare...



Cut away burlap...



**Make sure all twine, strings,
wrapping is removed.**



Backfilling...

- Recheck that the tree is straight
- Orient correctly
- Partially fill with soil
- Tamp, but don't stomp
- Use (a lot of!) water to settle the soil and eliminate air pockets as you backfill.

**Tarps
make clean-up easy.**



Container stock

Cut all circling roots that cannot be loosened!



Be sure to look for and remove circling



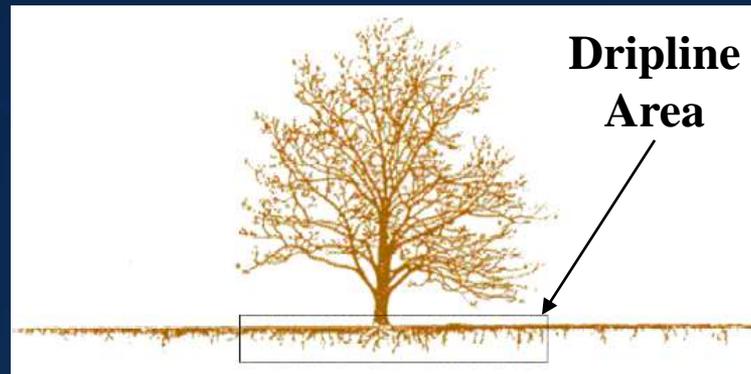
*roots on the
bottom of the
rootball*



MULCH & WATER

WATERING TREES

- Root systems spread 2-3 times the height of a tree.
- With transplanting, trees lose 80% of their root system
- Most absorbing roots are in the top 12 inches of soil.
- Critical root zone is within the dripline.



- New trees require consistent water in order to establish (first 2-3 years).
- Keep the root area moist!
Do not allow root balls to dry out.
- How much and how often depends on weather, type and maturity of the plant, root depth and soil type – watch the tree’s “body language.”
- 5-10 gallons of water for each inch of the tree’s diameter per week.
- Water slow and deep



SIGNS OF:

• OVER-WATERING

- ❖ Soil is constantly damp
- ❖ Leaves turn a lighter shade of green or turn yellow
- ❖ Young shoots are wilted
- ❖ Leaves are green yet brittle.
- ❖ Algae and mushrooms are growing.

• UNDER-WATERING

- ❖ Soil is Dry
- ❖ Older leaves turn yellow or brown and drop off.
- ❖ Leaves are wilted.
- ❖ Leaves curl.

Mulch vs. turf Bagels

...



Mulch vs. turf



NOT volcanos!



To stake or not to stake...



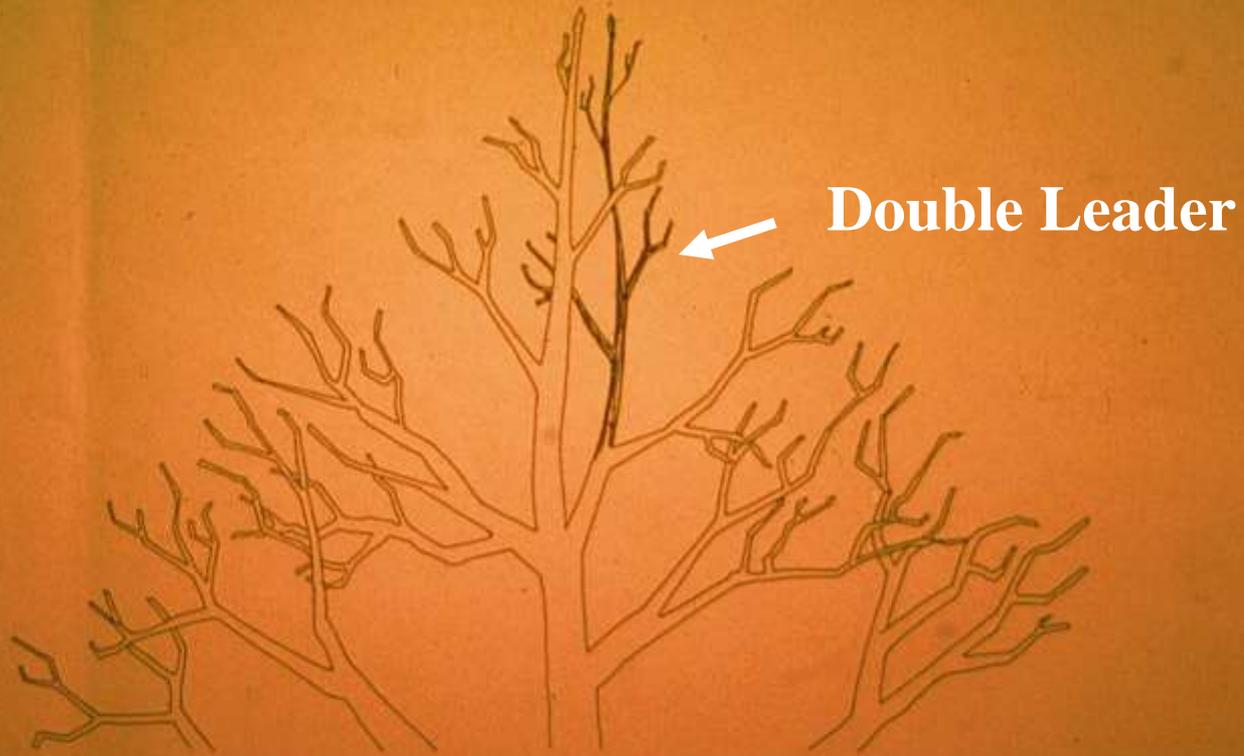
Weed

Water

Mulch

Tree Stewards at work!

WHAT ABOUT PRUNING?



Structural Pruning

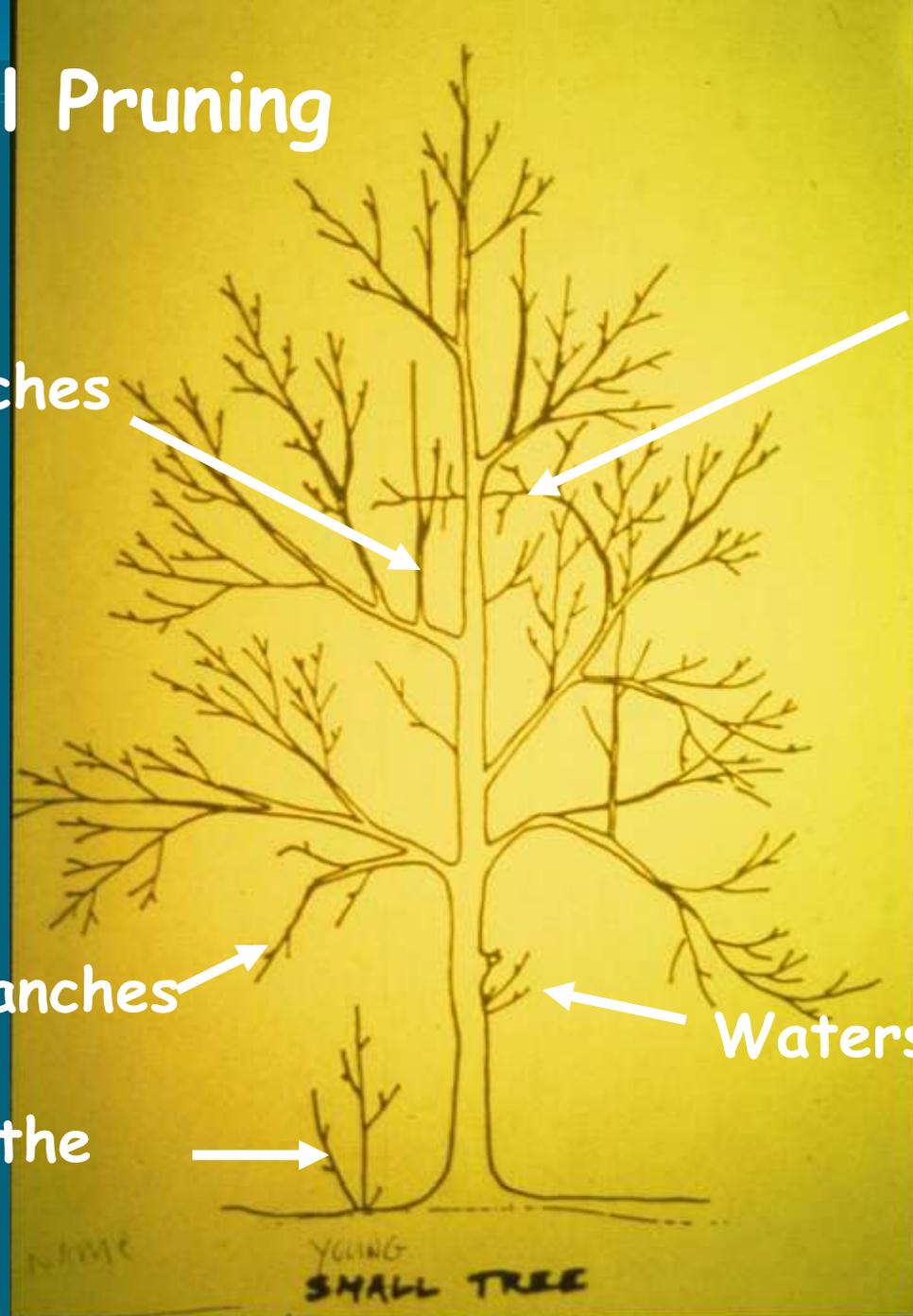
Aggressive, upright branches

Crossing and rubbing

Broken branches

Watersprouts

Suckers from the roots



YOUNG SMALL TREE

Common causes of tree death





*Don't do this at home!
Trees are not telephone
poles!*



Remove stakes after 1st season



Before...





Day of planting
2 new Redbud
trees

Careful summer
watering...



and...



three years later!

QUESTIONS?

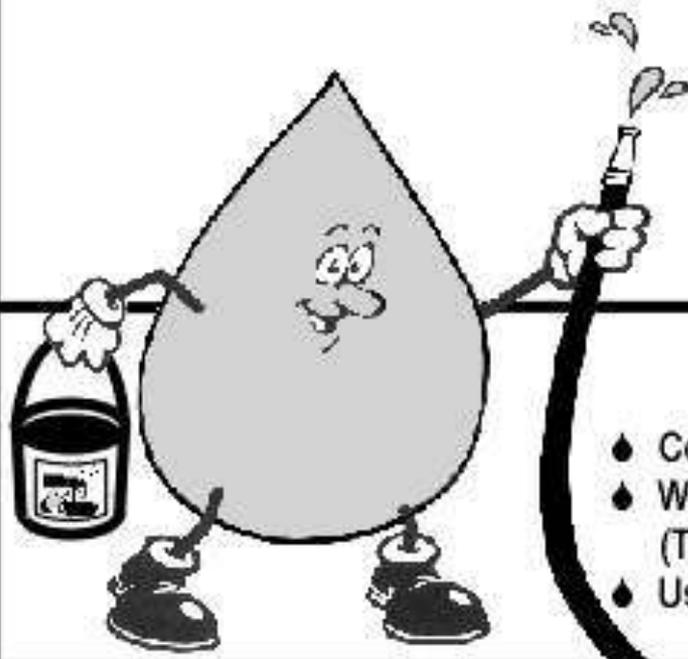
Call SDOT Urban
Forestry

(206) 684-TREE



For more info call 206-684-5008 or check out our website
<http://www.cityofseattle.net/environment/Trees.htm>

Mr. Bucket says:
***"For newly planted trees
(within the last 2 years),
water well with one of me,
5 gallons for every inch of tree."***



WISE WATERING TIPS

- ◆ Cover soil with two inches of mulch.
- ◆ Water at least once a week.
(Twice a week during hot weather)
- ◆ Use a shut-off hose nozzle.