

Landowner _____

Operating Your Drip Watering System

WHAT IS YOUR DRIP WATER SYSTEM?

Your watering system is designed to insure tree survival and establishment by supplying supplemental water to newly planted trees in absence of adequate moisture.

WHERE TO GET HELP

For assistance and additional information, contact your local Natural Resources Conservation Service or your local Conservation District office.

APPLYING THE PRACTICE

WATER FREQUENCY: Generally, the system should be operated only once per week. During periods of prolonged drought and/or hot temperatures and low humidity, you may need to operate the system twice per week.

WATERING TIME: Begin watering when available moisture falls below 50 percent in the 4 to 8 inches deep zone. Check amount of available moisture using techniques shown in Job sheet 612 02. Your soil texture is _____.

Apply approximately 8 gallons of water per tree per application.

Set your pressure regulator at _____ PSI. At this setting, each emitter will put out _____ gallons per hour. If puddling or runoff occurs, consult your local NRCS Office.

CONSIDERATIONS

Due to the simplicity of operating the watering system, the common tendency has been to over water trees the first year after planting. Over watering drives air away from the soil around the tree roots and thus inhibits normal root development.

The amount of water needed per application will vary some with textures, vegetative growth around the trees, and amount of cultivation begin done. It will also vary some with seasonal air temperatures, humidity, amount of wind, and number of rainless days.

A check of soil moisture conditions can be made at any time with a shovel. Check soil within 1 foot of the tree.

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