



Watering tips for your lawn and garden



Household water use swells in the summer due to irrigation of lawns and gardens, but according to the U.S. EPA as much as 50% of the water we use outdoors is wasted from inefficient watering methods and systems.

Quell the swell! Conserve Minnesota's limited freshwater resources by using efficient watering methods this summer. Before you even turn on the hose, determine if you even need to water.

Determine need

Trees and native plants do quite well with only rainwater. Except in times of drought, you don't need to irrigate these areas. Consider adding more of these plants to your yard. Find plant suggestions at BlueThumb.org.

Grass also does quite well with only rainwater. According to Minnesota Extension, lawn irrigation is optional in Minnesota's climate. If you choose not to irrigate your lawn, it may be brown for several months. But when the temperature cools in the late summer, the grass will green up and grow again.

Garden beds with non-native flowers or vegetables usually need some water in the driest months. Though plants vary, a rule of thumb is to water one inch a week (minus rainfall). Keep track of rain and watering using a rain gauge placed in the garden. Also apply a layer of mulch around plants to reduce evaporation.

Tips when watering

In the spring, look for leaks. Check the hose for leaks at its connection to the spigot. If it leaks, replace the nylon or rubber washer and ensure a tight connection to the spigot using pipe tape and a wrench. To check for leaks in an in-ground irrigation system, contact a certified irrigation professional.

Water in the early morning. The wee hours of 4-8 a.m. are best for watering. Set up your sprinkler or irrigation system before you go to bed. In the morning, turn on the water while you get ready for the day. If the morning is too busy to add watering to the list, try a hose timer.

When hand watering, use a spray nozzle. A hose can waste 6 gallons per minute if you leave it running. A nozzle will stop the water until you are ready to use it.

Install micro irrigation along garden beds, shrubs, and trees. Micro irrigation—such as a soaker hose or drip tape—delivers low volumes of water directly to plants' roots, minimizing the water lost to wind, runoff, and evaporation. Simply run the irrigation hose along a row of plants and leave it there all season. Connect your main hose when you need to water. More complicated systems are available for larger areas.

Use a timer. It's easy to forget that you've turned on the water. A kitchen timer or hose timer can help you.

Sprinkler types



Oscillating: Rectangular or square pattern for medium or large areas.

Pulsating: Full circle or any type of semicircle for large areas.

Rotory: Circular pattern for small or medium areas.