



Guide to **WATERING GRASS**

1

Identify your sprinkler type



Spray: steady spray of water over area



Rotor: single stream rotates over area



Multi-Stream Rotor: multiple streams rotate over area

2

Set start times and run time

To avoid run off, set:
Three (3) start times
One (1) hour apart



Spray sprinklers
6-minute run
(18 minutes total)



Rotor and Multi-Stream Rotor sprinklers
25-minute run
(75 minutes total)

Tip: Only water when the sun is down to prevent evaporative loss.

3

Adjust your schedule every season

Change the number of days between watering, not the amount.
Follow this watering frequency

Season	Bermuda Summer grass	Rye Winter grass
Winter	once every 15 days	once every 7 days
Spring	once every 4 days	once every 3 days
Summer	once every 3 days	none
Fall	once every 6 days	once every 3 days

Tip: Don't set it and forget it. Sign up for free monthly watering reminders by texting: **WHENTOWATER** to 33222.

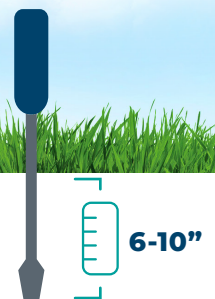
4

Fine tune for water efficiency

Push a screwdriver into the soil and adjust run time based on depth.

Less than 6": **Increase** run time
More than 10": **Decrease** run time
Between 6-10": You found the **perfect** run time!

Tip: Wait one hour after last watering to check depth.





Guide to WATERING TREES & SHRUBS

1



How often to water?

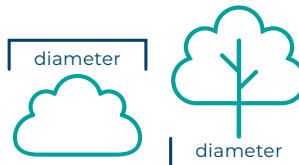
(Days between watering)

Season	Trees & Shrubs		Cacti/Succulents
	Desert adapted	High water use	
Winter (Dec.-March)	once every 30 days	once every 10 days	only if needed
Spring (March-May)	once every 14 days	once every 7 days	once every 21 days
Summer (May-Oct.)	once every 7 days	once every 5 days	once every 14 days
Fall (Oct.-Dec.)	once every 14 days	once every 7 days	once every 21 days

Tip: Watering longer but infrequently helps develop strong roots and healthy plants.

2

How much water does your shrub/tree need every time you water?



SHRUB

Shrub diameter	1 ft	2 ft	3 ft	4 ft	5 ft	6 ft
Water needed	1 gal	4 gal	8 gal	12 gal	17 gal	20 gal

TREE

Tree diameter	4 ft	6 ft	10 ft	14 ft	18 ft	20 ft
Water needed	16 gal	26 gal	59 gal	115 gal	190 gal	235 gal

Tip: Ground cover and cacti need about half as much water as shrubs of the same diameter.

3

Determine your drip system flow rates

(gph = gallons per hour)



1/2 gph

approx. one second between drips



1 gph

constant drips



2 gph

1/2" stream before drips



4 gph

1" stream before drips

Tip: Some drip emitters are stamped with flow rates; emitter color does not indicate flow rate.

Tip: Install pressure compensating drip emitter to ensure correct flow rates.

4

Calculate run time

$$\text{Gallons needed (gal)} \div \text{flow rate (gph)} = \text{run time (hrs)}$$



Tip: If your plants have multiple emitters, add the flow rates together.

Tip: If you have different sized plants, start with the average run time and adjust as needed.

Tip: If you have trees and shrubs on the same valve, water for the trees and adjust as needed.