



# 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'

**All sprinkler types**

- Three (3) start times
- One (1) hour apart



**Spray sprinkler**

- 6-minute run (18 minutes total)



**Rotor and Multi-Stream Rotor sprinkler**

- 25-minute run (75 minutes total)

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

**3**

## Adjust your schedule

Follow this watering frequency (Days between watering)

| Season | Bermuda<br>Summer grass   | Rye<br>Winter grass      |
|--------|---------------------------|--------------------------|
| Winter | once every <b>15</b> days | once every <b>7</b> days |
| Spring | once every <b>4</b> days  | once every <b>3</b> days |
| Summer | once every <b>3</b> days  | none                     |
| Fall   | once every <b>6</b> days  | once every <b>3</b> 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 | once every <b>30</b> days | once every <b>10</b> days | only if needed            |
| Spring | once every <b>14</b> days | once every <b>7</b> days  | once every <b>21</b> days |
| Summer | once every <b>7</b> days  | once every <b>5</b> days  | once every <b>14</b> days |
| Fall   | once every <b>14</b> days | once every <b>7</b> days  | once every <b>21</b> days |

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

**2**

### How much water does your plant need?



| 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 | 38 gal | 115 gal | 190 gal | 235 gal |

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

**Tip:** Give your plant the same amount of water every time you water, just change the days in between watering.

**3**

### Determine your drip system flow rates



**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.