



PHXWATERSMART

PHOENIX.GOV/SAVEWATER

YOUR GUIDE TO WATERING TREES

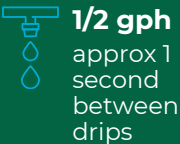
HOW MUCH WATER DOES YOUR PLANT NEED?

Tree Canopy Diameter	4'	6'	10'	14'	18'	20'
Gallons of Water Needed	16	26	59	115	190	235



Give your tree the same amount of water every time you water.
Water the "drip zone," which is the area directly beneath the canopy.

DETERMINE YOUR DRIP SYSTEM FLOW RATE



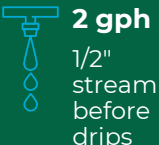
1/2 gph

approx 1
second
between
drips



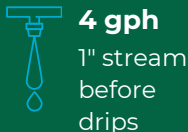
1 gph

constant
drip



2 gph

1/2"
stream
before
drips



4 gph

1"
stream
before
drips

Some drip emitters are stamped with a flow rate.
The color of the emitter does not indicate the flow rate.

CALCULATE YOUR RUN TIME

$$\text{GALLONS NEEDED (GAL)} \div \text{FLOW RATE (GPH)} = \text{RUN TIME (HRS)}$$

If you have multiple emitters, add all the flow rates together

If you have different size shrubs, start with the average run time and adjust as needed

DON'T SET IT AND FORGET IT

TYPE OF PLANT	WATERING NEEDS	WATERING FREQUENCY - DAYS BETWEEN WATERINGS				WATERING DEPTH
		SPRING Mar-May	SUMMER May-Oct	FALL Oct-Dec	WINTER Dec-Mar	
Trees	Desert Adapted	14-30 days	7-21 days	14-30 days	30-60 days	24"-36"
	High Water Use	7-12 days	7-10 days	7-12 days	14-30 days	24"-36"

Adjust your schedule and follow this frequency (days between watering). Watering deeply but infrequently helps develop root growth & healthier trees.

