

## Arizona Department of Water Resources Low Water Use Plant List

### Suggested Landscape Watering Guidelines for Pima, Santa Cruz and Cochise Counties

<b>How Much and How Often</b> Water at the outer edge of the plant's canopy to 1 foot beyond and also to the depth indicated. Watering frequency will vary depending on season, weather, slope, soil, plant type and health.			Seasonal Irrigation Frequency			
			Spring Mar - May	Summer May - Oct	Fall Oct - Dec	Winter Dec - Mar
<b>Trees – Desert Adapted</b>  Water 24"-36" deep		Very Low	4-8 weeks	3-6 weeks	4-8 weeks	8-12 weeks
		Low	3-6 weeks	2-4 weeks	3-6 weeks	6-9 weeks
		Moderate	2-4 weeks	1-3 weeks	2-4 weeks	4-6 weeks
<b>Trees - High water use</b>			7-12 days	7-10 days	7-21 days	14-30 days
<b>Shrubs – Desert Adapted</b>  Water 18"- 24" deep		Very Low	4-8 weeks	3-6 weeks	4-8 weeks	8-10 weeks
		Low	3 - 6 weeks	2 - 4 weeks	3 - 6 weeks	5-7 weeks
		Moderate	2-4 weeks	1-3 weeks	2-4 weeks	3-5 weeks
<b>Shrubs - High water use</b>			7-10 days	5-7 days	7-10 days	10-14 days
<b>Groundcovers &amp; Vines – Desert Adapted</b>  Water 8"- 12" deep		Very Low	4-8 weeks	3-6 weeks	4-8 weeks	8-10 weeks
		Low	3-6 weeks	2-4 weeks	3-6 weeks	6-8 weeks
		Moderate	2-4 weeks	1-3 weeks	2-4 weeks	3-6 weeks
<b>Groundcovers &amp; Vines - High water use</b>			7-10 days	2-5 days	7-10 days	10-14 days
<b>Cacti and Succulents</b> Water 8"-12" deep			3-6 weeks	2-4 weeks	3-6 weeks	If needed
<b>Annuals</b> Water 12" deep			3-7 days	2-5 days	3-7 days	5-10 days

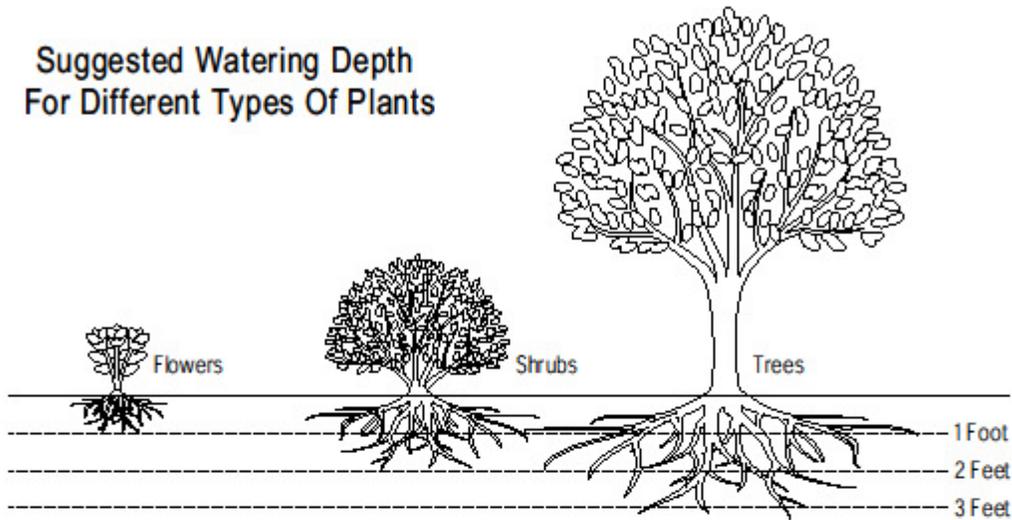
These guidelines are for established plants (1 year for small plants and succulents, 2-3 years for shrubs, 3-4 years for trees).

**Watering Duration (run time):** Drip run times are typically 2 hours or more for each watering. To determine drip irrigation run times, turn system on for 1 hour, then push a soil probe (smooth metal rod 3/8" thick e.g. long shank screwdriver) into the ground. It will stop when it reaches dry soil. Divide recommended water depth by actual water penetration depth to get hours of run time. Once run time has been established, it will not change *unless* the number of emitters or emitter output is changed. **Frequency will change according to the season and weather – duration (run time) remains the same!**

**Watering Frequency:** To fine tune your watering practices, water again when your soil probe will not penetrate the soil more than 4 inches (the soil moisture will be about half depleted – for cactus let the soil dry out completely between watering).

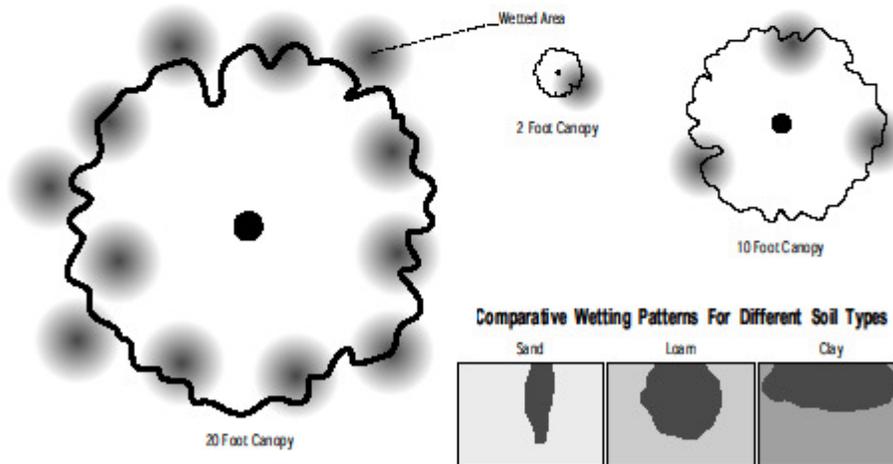
**Mulch:** To reduce evaporation and conserve water, apply a 4 inch thick layer of mulch over the root zone of the plants, but not against the trunk or stem. Use rock mulch for cacti and succulents.

## Suggested Watering Depth For Different Types Of Plants



## Water at the Dripline

### Wetting Pattern Examples



Adapted from Xeriscape Landscaping with Style in the Arizona Desert, ADWR 2007