

RUN TIME RECOMMENDATIONS

Sprinkler Type	Plant Type	Sun Exposure	Run Time	Cycles	Number of Days Per Week
Spray Heads	Turf	Sun	6-8	Up to 3	Refer to Watering Schedule
		Shade	6-8	Up to 2	Refer to Watering Schedule
	Shrubs/Beds	Sun	6-8	Up to 3	Refer to Watering Schedule
		Shade	6-8	Up to 2	Refer to Watering Schedule
Rotors/Stream Rotors	Turf	Sun	10-15	Up to 3	Refer to Watering Schedule
		Shade	10-15	Up to 2	Refer to Watering Schedule
	Shrubs/Beds	Sun	10-15	Up to 3	Refer to Watering Schedule
		Shade	10-15	Up to 2	Refer to Watering Schedule
Drip Lines	Turf	Sun	10-15	Up to 3	Refer to Watering Schedule
		Shade	10-15	Up to 2	Refer to Watering Schedule
	Shrubs/Beds	Sun	10-15	Up to 3	Refer to Watering Schedule
		Shade	10-15	Up to 2	Refer to Watering Schedule

Spray heads should run a maximum of 7 minutes and rotors and stream rotors for 22 minutes. At this setting the sprays and rotors will apply approximately .25" of water, the maximum amount of water clay soil is able to absorb. Watering in cycles will produce more efficient watering, provide deeper watering and promote deeper root growth. Cycle & Soak will also reduce the amount of runoff that occurs.	Month	Percentage	We recommend setting your controller for the month of July, the highest evapotranspiration month. Set July's percentage to 100% as the chart recommends. These run times are to be used as a guideline only. Please use your best judgement when setting the highest consumption needed for your controller. Highest consumption will take place in the hottest months of June, July and August. <u>After programming the controller with start times and run times, use the "seasonal adjust" or "water budget" feature to adjust the percentage monthly as recommended by the chart to the left.</u> A percentage suggestion for Nov-Feb is included; however, we recommend that the controller be turned off during these months. Water manually, if needed.
	Jan	27 %	
	Feb	37%	
	Mar	54%	
	Apr	72%	
	May	84%	
	Jun	99%	
	Jul	100%	
	Aug	98%	
	Sep	77%	
	Oct	57%	
	Nov	36%	
Dec	28%		

This irrigation schedule is based on historical evapotranspiration rates as published by Texas A&M AgriLife Extension.

It is extremely important to monitor your controller while it is operating to see at what point "run off" is experienced. Record the number of minutes it takes for runoff to occur. This will provide you with maximum amount of time that the zone should operate for each cycle. This is an important step as each system and zone is very diverse.

The recommended run time for the drip irrigation is based on drip tubing that contains emitters that apply .6 GPH (Gallons Per Hour) with emitter and tube spacing of 18 inches. This calculation applies about .4" of water per hour. However, since clay soil can accept just under .25" per hour, we recommend a maximum setting of 30 minutes for each cycle.

There are many different types of drip line tubing available. Your tubing may have 12" spacing or a different emitter rate. If you are unsure of the spacing and/or emitter rate of your system, simply operate your zone and notate the number of minutes until run off occurs. Use this as your time to operate each cycle.