Irrigation Worksheet

Fiscal Year 2022 (October 1, 2021 - September 30, 2022)

Use this worksheet to estimate how much water your irrigation system uses and to estimate the cost it can add your monthly utility bill. Watch how adjusting run times affects the amount of water used and the associated cost[1]. Seasonal run times for central Florida lawns, developed by the University of Florida Institute of Food and Agricultural Sciences, appear in Table 1 below.

1. Are you irrigating inside Tampa city limits? Yes ○ No ◉

2. How many days a week do your irrigate? 0 *Confirm irrigation restrictions at tampa.gov/waterrestrictions*

3. Use the column below to enter the run times for each zone in your irrigation system.

Zone 1	0	Estimated ccf per irrigation event:	0
Zone 2	0	Estimated gallons per irrigation event:	0
Zone 3	0	Estimated ccf per month: (verify answer #2 above)	0
Zone 4	0		
Zone 5	0	Estimated gallons per month: (verify answer #2 above)	0
Zone 6	0		
Zone 7	0	Estimated monthly irrigation cost:	$ 12.24
Zone 8	0		
Zone 9	0	Enter your average indoor water use (in ccf):	0
Zone 10	0	*Entering your average monthly indoor water may increase the accuracy of these calculations. If you don't enter a number here, the calculation uses the area average water use for a 2.5 ccf per person household.*	
Zone 11	0		
Zone 12	0		

OPTIONAL CALCULATIONS

This section can provide you with estimated inches of water applied during one irrigation event, based on the minutes you enter in the section above, along with the estimated square footage of the area you irrigate and an application rate of 12 gallons per minute. Information about your property square footage can be found at the Hillsborough County Property Appraiser Website, https://www.hcpafl.org/.

UF/IFAS recommends 1/2 to 3/4 inch of water per twice-weekly event during the summer growing months. Irrigation events are not needed when sufficient rainfall occurs[2].

Enter the estimated square footage of your irrigated lawn and landscape: 0

Estimated inches applied during one irrigation event: 0.00

Table 1. UF/IFAS recommended seasonal settings for irrigating lawn[3]

	Setting	Summer, 100%	Fall, 60%	Winter, 20%	Spring, 80%
Spray	Ideal	25 min	15 min	0 min	20 min
	Range	20-30 min	10-20 min	0-10 min	15-20 min
Rotor	Ideal	45 min	30 min	<10 min	40 min
	Range	40-60 min	20-40 min	0-20 min	35-55 min

1. *The calculations in this worksheet are estimates; your actual irrigation volume and costs may vary. The irrigation cost reflects current City of Tampa Utility water rates.*
2. *When the required rain sensor is in place, irrigation is suspended when rain events occur, reducing irrigation volume and costs.*
3. *Table 1 excerpted from "Home Irrigation and Landscape Combinations for Water Conservation in Florida," ABE 355.*