Lawn Watering Schedule

Biweekly Period	Approximate Lawn Water Needs (Inches per Week)[1]	% Adjust[2]	Total Watering Time Per Week		
			Standard Sprays[3]	Rotor Sprinklers[3]	Multi-Stream Rotators[3]
May 1-15	1.04	60%	42 minutes	100 minutes	156 minutes
May 16-31	1.21	70%	48 minutes	116 minutes	181 minutes
June 1-15	1.40	80%	56 minutes	134 minutes	210 minutes
June 16-30	1.59	90%	64 minutes	153 minutes	238 minutes
July 1-15	1.76	100%	70 minutes	169 minutes	264 minutes
July 16-31	1.71	100%	68 minutes	164 minutes	256 minutes
Aug 1-15	1.50	90%	60 minutes	144 minutes	225 minutes
Aug 16-31	1.33	80%	53 minutes	128 minutes	199 minutes
Sep 1-15	1.09	60%	44 minutes	105 minutes	163 minutes
Sep 16-30	0.84	50%	34 minutes	80 minutes	126 minutes

(1) Use this schedule as a reference, adjusting as needed to reflect actual weather, site conditions and specific sprinklers used. When water needs are met by rain, reduce watering accordingly.
(2) Seasonal Percentage Adjust feature allows you to change all run times by a percentage.
(3) This assumes an application rate of **1.5** inches per hour for standard spray heads, **0.625** inches per hour for rotor sprinklers, and **0.4** inches per hour for multi-stream rotators.

Example Water Requirement Calculation:

Weekly Irrigation = 1.70 in. (ET) / 1.5 in/hr (application rate of sprays) x 60 = 68 minutes per week

Cycle and Soak: If your timer has ***multiple start time*** capability, utilizing it will allow you to split a day's watering into two or more cycles. This allows water from each cycle to absorb into the soil before more water is applied.

Example Cycle and Soak Calculation:

Weekly Run Time = 56 minutes / 4 (watering days) = 14 minutes per day / 2 cycles per day = 7 minutes per cycle

Conventional Sprinklers in a Shrub Zone:

The following is a recommendation for determining other vegetation water needs:

- **Vegetables:** 75-100% of lawn (ET)
- **Shrubs & Perennials:** 50-60% of lawn (ET)
- **Waterwise plants:** 30-40% of lawn (ET)
- **Trees:** Newly planted trees need regular water for the first couple of years, while established trees may need only a deep soak once or twice in summer.

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Water-Wise Shrub Drip Watering Schedule

Biweekly Period	Water-Wise Shrubs 40% Lawn ET	Total Per Week Micro-sprays, Bubblers	Total Per Week for Low Volume Drip
May 1-15	0.38	45 Minutes	76 Minutes
May 16-31	0.48	58 Minutes	96 Minutes
June 1-15	0.56	68 Minutes	112 Minutes
June 16-30	0.64	78 Minutes	128 Minutes
July 1-15	0.68	82 Minutes	140 Minutes
July 16-31	0.68	82 Minutes	140 Minutes
Aug 1-15	0.60	72 Minutes	120 Minutes
Aug 16-31	0.53	64 Minutes	106 Minutes
Sep 1-15	0.43	52 Minutes	86 Minutes
Sep 16-30	0.34	40 Minutes	68 Minutes

When to Water: Running sprinklers between sunset and sunrise is best, as temperatures are at their lowest and the air is calm. Water pressure also tends to be most reliable prior to daylight when other water demands are low. Daytime watering results in high water losses from evaporation. Daytime temperatures often peak around 4 p.m. and breezes are common, so wait until ***at least*** 9:00 p.m. if you prefer evening watering.

Shrub and Tree Watering: Most shrubs and trees prefer deeper, less frequent watering.

Example Shrub Water Requirement Calculation:

Weekly Irrigation = 0.68 in. (ET) / 0.5 gpm (application rate of emitters) x 60 = 81.6 or 82 minutes per week (round up)

Contact Information:

Need ideas for your landscape? Visit the Water-Wise Landscaping Website: **www.medfordsaveswater.org**

Water Conservation Staff: **541-664-3321 ext 423**

Website: **www.centralpointoregon.gov**

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