

by the soil. Sprinklers that do not adequately disperse water or deliver a large volume of water within a concentrated area will cause run off. Whenever this occurs, water and energy are being wasted and the soils are being compacted. A good irrigation program will apply the moisture slowly enough to permit the soil to absorb all of the water being applied. In heavier soils where run off exists, several short cycles will be more advantageous than one long cycle that would cause run off.

In any case, once run off occurs, the irrigation cycle should be turned off. By taking a soil probe sample, you can determine if the soil has been watered to the desired depth. If not, the irrigation cycle should be repeated after about one hour's time. Taking soil samples, adjusting your irrigation frequency and length of cycle should be a routine management function which we recommend be accomplished at least weekly, if not more often.

Good water management requires a good knowledge of the plant material, physical soil properties, how they affect the moisture levels of the soil and the rate and manner in which water must be applied. Proper water use means correlating this basic information with the requirements of play, mowing and other management practices and programming an irrigation cycle to fit the requirements so as to make the most efficient use of your irrigation system and labor force.

In conclusion, we have no simple answer to the question "how often" or "how long should I water." It requires a judgement decision by the turf manager after he has studied the existing conditions and the water needs at that time.

Editor's Note: Mr. Schildknecht has been associated with Reinders Brothers, Inc., since 1967. For the past 14 years, he has been active as an irrigation designer and equipment distributor serving the turf, ag., and wastewater disposal irrigation markets.

Educated at M.A.T.C. — Horticultural College and U.W.-Milw. Mr. Schildknecht additionally taught irrigation design to undergraduates at several local schools and trade associations.

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UNBEATABLE COMBO RESULTS IN SUCCESSFUL MEETING

Put together good weather, good golf course conditions, a good speaker and a good evening dinner and the result is a great WGCSA meeting. All ingredients were present for our May meeting at Riverside in Janesville, and it was the kind of meeting we would like every month. Host Bruce Schweiger had his golf course in great shape and nearly 60 players participated in the afternoon game. Following are the winners of the golf event:

Bill Sell	
Greg Sell	57
Myron Seavers	
Andy Kronwall	58
Ed Witowski	
Dale Panske	60
Joe Fryman	
Gary Monfre	60
Bruce Schweiger	
Ray Johnson	60
Ron Shara	
Don Steinmetz	61
Jim Knapp	
Bob Allen	61
Ray Merten	
Bill Fox	61

Bruce Williams, Golf Course Superintendent at the Bob O'Link Golf Club in Chicago, made the trip to Janesville to share his thoughts and his experiences with wetting agents and surfactants. Not only did Bruce give some solid results from his golf course operation, but he made some real strong points about careful and objective testing in the field before wholesale use of any new materials.

Refreshments before the dinner meal at the Elks Club were courtesy of Wisconsin Turf of Janesville. H.P. Goodall provided refreshments at the golf course.

A local appliance dealer donated a clock radio for a raffle. Proceeds from the raffle and a donation from Ray Johnson resulted in a fund-raising effort that netted over \$400 for the Wisconsin Turfgrass Association. Nice going, Bruce!

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