

Green Section Record

Volume 55, Issue 19

Developing A Preventive Maintenance Checklist For Golf Course Irrigation Systems

By Brian Vinchesi



Irrigation systems are an integral part of golf course maintenance, just like maintenance staff, mowing equipment, and maintenance facilities. Without a functional irrigation system, it is virtually impossible to maintain golf course turf in playable condition. However, while mowers and other equipment are regularly seen working on a golf course, irrigation systems are a mystery to many golfers because they are buried underground and most frequently operate at night.

Golf course irrigation systems can quickly deteriorate from lack of maintenance. Preventive maintenance can reduce the amount of reactive maintenance and improve playing conditions. Developing a preventive maintenance program is the best way to extend the life of an irrigation system, maintain performance, and minimize the severity and frequency of problems.

[Read More](#)

Multimedia Content

Fore The Golfer Video



Golf's Use Of Water



Precision Irrigation

Superintendents rely on science and technology to accurately apply precise amounts of irrigation water. Even though it may seem counterintuitive, discover how more irrigation heads, along with advancements in technology, can help superintendents improve playing conditions while reducing overall water use.

[Watch Video](#)

Handwatering

Hand watering may not be popular, but there is very good reasoning behind its practice. Whether cooling playing surfaces during a hot summer day or providing precise applications of water, hand watering is a valuable supplement to overhead irrigation that helps superintendents manage water use and improve playing conditions.

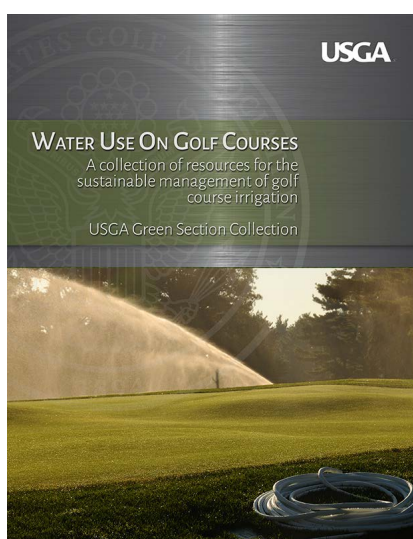
[Watch Video](#)

Course Consulting Service

Find out how a Course Consulting Service visit can help you improve course conditions and reduce costs.

[LEARN MORE](#) ➔

Green Section Collection: Water Use On Golf Courses



These interactive digital collections include additional supporting articles, a photo gallery and videos that provide relevant information on the primary subject. The collections can be viewed online in a user-friendly digital magazine format, saved as a PDF or printed.

[View Collection](#)

Research You Should Know



When To Cover Bermudagrass Greens For The Winter

Ultradwarf bermudagrass can provide excellent putting green conditions during summer, but it must be protected from cold temperatures during winter. Researchers at the University of Arkansas examined current covering recommendations and what they found could reduce the time spent under covers, saving time and money.

[Read More](#)

Fore The Golfer



Irrigation System Preventive Maintenance

You probably check the yardage on sprinkler heads a few times during a round. The yardage plate is just the tip of the iceberg. Miles of unseen infrastructure lies beneath your feet whenever you step foot on a golf course. Although out of sight may be out of mind, here is some surprising information about what lies below ground.

[Read More](#)

Regional Updates



West Region

Researchers at the Turfgrass and Landscape Research Field Day at the University of California, Riverside, presented these updates on projects focusing on drought tolerance and improving winter color retention.

[Read More](#)

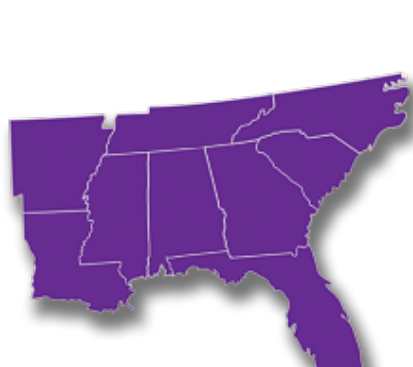

Northeast Region

Preparing for winter is critical to reduce the risk of winter injury. In spite of recent warm weather and excellent playing conditions, consider implementing these practices now to prepare warm-season grasses for winter.

[Read More](#)


Central Region

Cool weather early in the year, along with an interesting trend in the effectiveness of a popular control product, may result in grub damage occurring much later than usual this fall; don't be caught off guard.

[Read More](#)


Southeast Region

Tattered and worn, most golf courses that weathered Hurricane Irma have some bruising that will take months to heal. Fortunately, the experience and these resources can help prepare for future storms.

[Read More](#)

GOLF'S USE OF WATER RESOURCE CENTER

LEARN MORE ABOUT SUSTAINABLE SOLUTIONS>>

United States Golf Association
77 Liberty Corner Road
Fair Hills, NJ 07931
908.234.2300

[Contact Us](#)

Stay Connected with the USGA



Important Links

[USGA Privacy Policy](#)
[USGA Green Section Home Page](#)
[USGA Staff Contact Information](#)
[Course Consulting Service Information](#)
[USGA Turfgrass and Environmental Research Online \(TERO\)](#)

©2017 by United States Golf Association®

[Policies for the Reuse of USGA Green Section Publications](#)

USGA Green Section publications are made available through the courtesy of the United States Golf Association (USGA®). The reuse of these materials is authorized only if the following conditions are met in their entirety. This policy applies to all Green Section publications, including articles, videos, presentations, and webcasts.

1) [Adherence to all components of our Conditions for Reuse policy.](#)

2) [Inclusion of the appropriate Reprint Permission Language.](#)

3) [Notification of your Intent To Reprint Content.](#)

The USGA Green Section Record (ISSN 2156-5813) is published twice monthly via electronic mail by the United States Golf Association®.