

Green Section Record

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Advancing Golf Course Maintenance Equipment With Positioning Technology

By John Daniels and Addison Barden

GPS technology makes precision turf management a reality.



With so many uses, the Global Positioning System (GPS) has become part of the daily lexicon. Whether it is providing turn-by-turn directions to a golf course or an accurate yardage to a putting green from the fairway, GPS technology directly benefits golfers on a daily basis. Less obvious to golfers are the various ways GPS technology can be used to improve the efficiency and effectiveness of golf course maintenance.

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Multimedia Content



Video: Equipment for the Future

Golf course maintenance equipment has come a long way from the days of horse-drawn implements. Discover the changes in golf course maintenance equipment and get a sneak peek at some of the technology that soon might be coming to a course near you.

[Watch Now](#)



Webcast: 10 Things You Need to Know About Mower Equipment

While you may not see it during your round, a lot of specialized equipment is used to maintain golf courses. Various types of mowers, precision application equipment and mechanical bunker rakes are a few of the unique items in the equipment fleet. Here are some interesting facts about the equipment the maintenance staff use every day.

[Watch Now](#)

Green Section Collection: Equipment Management For Golf Courses



Updated for this issue.

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.

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Research You Should Know



Accuracy of Soil Moisture Meters in Saline Soils

Measuring soil moisture with time-domain reflectometry (TDR) sensors can aid in turfgrass water conservation efforts and help improve playing conditions. A laboratory study was conducted at New Mexico State University during 2015 to investigate the accuracy and reliability of TDR soil moisture sensors at different salinity levels.

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Fore The Golfer



How Technology Has and Will Continue to Change Golf

Technology is advancing faster than ever before, changing the way we live our daily lives – including our golf experience. From the way we play the game to the way golf courses are managed, discover the ways technology has changed, and will continue to change, the game of golf.

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Regional Updates



West Region

Do you see puffy, scalped turf during summer? It may be a sign of nitrogen in your irrigation water. Discover how to determine the amount of nitrogen your turf receives from irrigation.

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Northeast Region

From severe weed infestation to tree damage, consider the long-term effects that this year's drought will have on golf courses throughout the Northeast Region.

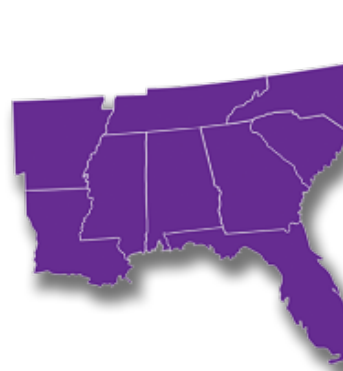
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Central Region

You finally caught that skunk which has been causing turf damage in search of grubs, but do you know your options to legally handle this potentially odorous critter?

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Southeast Region

Looking for alternatives to overseeding that are less expensive yet still provide appealing aesthetics? Consider turf colorants, they help make the game of golf fun and sustainable.

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