

Green Section Record

Volume 55, Issue 03

Spraying For Success - It Starts With Nozzle Knowledge

By [Steve Kammerer](#), Ph.D. and [Brian Whitlark](#)

Although they may seem trivial, nozzles have a dramatic impact on product distribution and the performance of every spray application. As such, there are many styles of nozzles available to choose from, each offering specific traits for specific applications.



This article provides valuable information about nozzles and spray volumes that can improve the effectiveness of spray applications, help avoid negative environmental impacts, and potentially save money by reducing labor and product inputs.

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Multimedia Content



Video: What You Need To Know About Spray Applications

Whether applying fertilizers, plant protectants or wetting agents, a lot of science and technology is used to improve the accuracy and precision of each application. The technology can be quite conspicuous or rather subtle, but it all helps superintendents target spray applications to improve economic and environmental sustainability.

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Video: Spraying on the Golf Course

Does the sight of a sprayer on a golf course make you feel uneasy? Understanding the behind-the-scenes turn of events that precedes a spray application might help put you at ease. From monitoring turf health and scouting for pests to analyzing the weather and calibrating sophisticated equipment, a lot of things happen before a sprayer heads for the course.

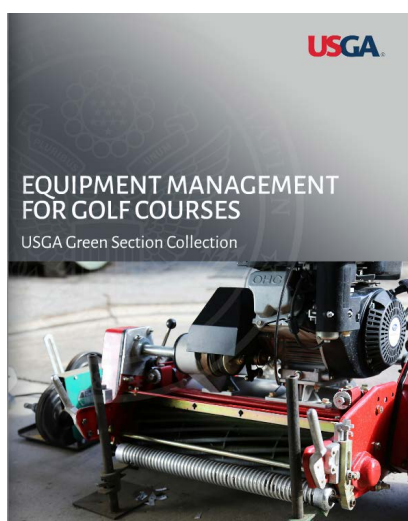
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Green Section Collection: Equipment Management For Golf Courses



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Research You Should Know



Sand-Capping Depth and Subsoil Influence Fairway Performance

In an effort to improve playing conditions, many golf courses consider sand capping fairways. But just how deep should a sand cap be to provide an optimal growing environment for turfgrass? Find out what scientists at Texas A&M have discovered as they work to develop recommendations for sand capping fairways.

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Fore The Golfer



How To Spray The Right Way

Golf course superintendents spray different types of products – each meticulously selected to accomplish a specific task – to maintain and protect high-quality playing surfaces. However, did you know that the functionality of each product relies on one of the smallest parts of a sprayer?

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Regional Updates



West Region

Itching to dust off your clubs and play golf? Just remember, winter isn't over. Whether you live in a cold or warm climate, these weather-related issues may still affect course accessibility.

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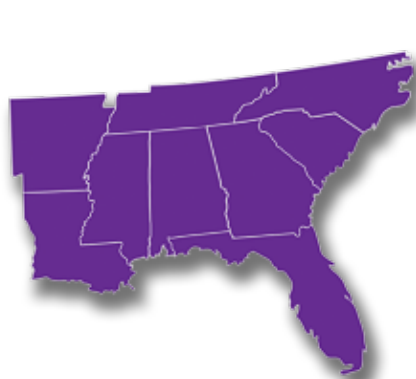

Northeast Region

Meek and mild January temperatures provided a winter reset for many in the Northeast, but here's why experienced turf managers know to keep their guard up in the weeks ahead.

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Central Region

Don't be fooled by straw-colored, dormant turf – it still needs some water to avoid damage from winter desiccation. Here are a few simple techniques that can help maintain adequate soil moisture during the winter.

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Southeast Region

Trying to protect bermudagrass greens from cold winter weather? Although turf covers alone may be effective, this simple strategy can enhance their efficacy during periods of extreme cold temperatures.

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