

*Cover Photo:  
The SPACE Program data  
determined that a flat application  
profile resulted in dry donuts forming  
around each sprinkler with this new  
million-dollar irrigation system.*



*An embarrassing situation can arise if the turf is still plagued with problems after a new irrigation system is installed. See page 1.*



*The red-headed woodpecker is a primary cavity-nesting species. See page 16.*

# USGA® GREEN SECTION Record

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## **Irrigation Design, Rocket Science, and the SPACE Program**

Selecting sprinklers and determining the spacing is not rocket science. Not when using the SPACE program to model coverage and distribution.

*By Mike Huck*

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## **Checking Your Sand — Quality Control Begins at Home**

A quick check of sand with your own testing equipment can help avoid problems later.

*By James F. Moore*

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## **KTURF: A Pesticide and Nitrogen Leaching Model**

A computer model available on the Internet and World Wide Web helps turfgrass managers predict pesticide and nitrogen leaching.

*By Dr. Steve Starrett, Dr. Shelli Starrett, Judy Hill, and Greg Adams*

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## **Battling the Bermudagrass Blitz**

Several key practices can help you win the war against bermudagrass encroachment.

*By Chris Hartwiger*

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## **The Living Dead**

Dead trees offer habitat and sustenance to all living things.

*By Ron Dodson*

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## **Buyer . . . Beware**

Products without active ingredients may not be active!

*By Stanley J. Zontek*

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## **Green Section Education Conference: Teaching Young Dogs Old Tricks**

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## **1997 Green Section National & Regional Conferences**

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## **The Proof of a Golfer**

*By Edgar Guest*

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## **Turf Twisters**