

USGA®



EDITORS:

William H. Bengeyfield
James T. Snow

MANAGING EDITOR:

Robert Sommers

ART EDITOR:

Diane Chrenko Becker

Vol. 27, No. 1

JANUARY/FEBRUARY 1989

GREEN SECTION COMMITTEE CHAIRMAN:

F. Morgan Taylor, Jr.
P.O. Box 758
Hobe Sound, Fla. 33455

NATIONAL DIRECTOR:

William H. Bengeyfield
P.O. Box 3375
Tustin, Calif. 92681
(714) 544-4411

GREEN SECTION AGRONOMISTS AND OFFICES:

Northeastern Region:

United States Golf Association, Golf House
Far Hills, N.J. 07931 • (201) 234-2300
James T. Snow, *Director*
Tim P. Moraghan, *Agronomist*
James Connolly, *Agronomist*

Mid-Atlantic Region:

P.O. Box 2105
West Chester, Pa. 19380 • (215) 696-4747
Stanley J. Zontek, *Director*
David A. Oatis, *Agronomist*

Southeastern Region:

Suite 110, 2110 Walton Way
Augusta, Ga. 30904 • (404) 733-5868
Patrick M. O'Brien, *Director*
8908 S.E. Colony Street
Hobe Sound, Fla. 33455
John H. Foy, *Agronomist* • (407) 546-2620

Great Lakes Region:

8727 North Deerwood Drive
Brown Deer, Wis. 53209 • (414) 354-2203
James M. Latham, Jr., *Director*

Mid-Continent Region:

300 Sharron Drive, Waco, Texas 76710 • (817) 776-0765
James F. Moore, *Director*

Western Region:

P.O. Box 3375
Tustin, Calif. 92681 • (714) 544-4411
Larry W. Gilhuly, *Director*
Paul Vermeulen, *Agronomist*

Green Section RECORD

1 **Putting the Water Puzzle Together**
*by Patrick M. O'Brien and
Dr. Edward A. Brown*

5 **NuMex Sahara — A New
Seed-Propagated Bermudagrass**
by Dr. Arden Baltensperger

7 **The Lone Ranger Rides Again**
by Tim P. Moraghan

10 **Mole Cricket Management vs. Control**
by Tom Burton

12 **Low-Water-Use Turfgrasses**
*by Dr. James B. Beard and
Dr. Ki S. Kim*

**Back
Cover** **Turf Twisters**



Cover Photo:

A good irrigation system is a key tool for maintaining top-quality golfing turf — 15th green, West Course, Winged Foot Golf Club, Mamaroneck, New York.

©1989 by United States Golf Association®. Permission to reproduce articles or material in the USGA GREEN SECTION RECORD is granted to publishers of newspapers and periodicals (unless specifically noted otherwise), provided credit is given the USGA and copyright protection is afforded. To reprint material in other media, written permission must be obtained from the USGA. In any case, neither articles nor other material may be copied or used for any advertising, promotion or commercial purposes.

GREEN SECTION RECORD (ISSN 0041-5502) is published six times a year in January, March, May, July, September and November by the UNITED STATES GOLF ASSOCIATION®, Golf House, Far Hills, N.J. 07931. Subscriptions and address changes should be sent to the above address. Articles, photographs, and correspondence relevant to published material should be addressed to: United States Golf Association Green Section, Golf House, Far Hills, N.J. 07931. Second class postage paid at Far Hills, N.J., and other locations. Office of Publication, Golf House, Far Hills, N.J. 07931. **Subscriptions \$9 a year. Foreign subscriptions \$12 a year.**