





Vol. 27, No. 6

NOVEMBER/DECEMBER 1989

EDITORS:

William H. Bengeyfield

James T. Snow

MANAGING EDITOR:

Robert Sommers

ART EDITOR:

Diane Chrenko Becker

GREEN SECTION COMMITTEE CHAIRMAN:

F. Morgan Taylor, Jr.

215 South Beach Road 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 E. Skorulski, Agronomist

45 Haven Avenue

Willimantic, Conn. 06226 • (203) 456-4537

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:

P.O. Box 95

Griffin, Ga. 30224-0095 • (404) 229-8125

Patrick M. O'Brien, Director

8908 S.E. Colony Street

Hobe Sound, Fla. 33455 • (407) 546-2620

John H. Foy, Agronomist

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

Golf Courses and the Environment: What's the Future?

by John H. Foy

Maintaining Adequate Phosphorus Levels in Sand Greens by Dr. Paul E. Rieke

Taking a Look at the Whole Picture by James Connolly

Encroachment of Bermudagrass into Bentgrass Greens by Dr. B. J. Johnson and Dr. R. N. Carrow

> All Things Considered: Those Were the Good Old Days! by Stanley Zontek

Back Cover

Turf Twisters



Cover Photo: Blending with the environment -John's Island West.

© 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.