





EDITOR:

James T. Snow

Vol. 29, No. 1 JANUARY/FEBRUARY 1991

MANAGING EDITOR:

Robert Sommers

ART EDITOR:

Diane Chrenko Becker

GREEN SECTION COMMITTEE CHAIRMAN:

Raymond B. Anderson 1506 Park Avenue River Forest, Ill. 60305

NATIONAL OFFICES:

United States Golf Association, Golf House P.O. Box 708, Far Hills, NJ 07931 • (201) 234-2300 James T. Snow, National Director Dr. Kimberly S. Erusha, Manager, Technical Communications Nancy P. Sadlon, Environmental Specialist

Stillwater, Okla. 74076 • (405) 743-3900 Dr. Michael P. Kenna, Director, Green Section Research

## GREEN SECTION AGRONOMISTS AND OFFICES:

Northeastern Region:

United States Golf Association, Golf House P.O. Box 708, Far Hills, N.J. 07931 • (201) 234-2300 David Oatis, 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

Bob Brame, Agronomist

Southeastern Region:

P.O. Box 95

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

Patrick M. O'Brien, Director

State of Florida:

8908 S.E. Colony Street Hobe Sound, Fla. 33455 • (407) 546-2620 John H. Foy, Director

Chuck Gast, Agronomist

Great Lakes Region:

11431 North Port Washington Rd., Suite 203 Mequon, Wis. 53092 • (414) 241-8742 James M. Latham, Jr., Director

Robert C. Vavrek, Agronomist

Mid-Continent Region:

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

George B. Manuel, Agronomist

Western Region:

P.O. Box 3375

Tustin, Calif. 92681 • (714) 544-4411

Larry W. Gilhuly, Director

Paul Vermeulen, Agronomist

## Green Section

Modern Tree Management Techniques For Today's Turf Manager by Patrick M. O'Brien and Kenneth A. Knox

A USGA/GCSAA-Sponsored Research Project An Old Grass is Getting a New Look by Dr. Terry Riordan

Finding Solutions for Poorly Drained Greens 10 by James T. Snow

Field Testing for Better Management by James E. Skorulski

**News Notes** 

All Things Considered JUST DO IT! by James Francis Moore

Back Cover

**Turf Twisters** 



Cover Photo: A neglected tree strangled by a vine.

©1991 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.