USGA PRESIDENT:
Reg Murphy

GREEN SECTION COMMITTEE CHAIRMAN:
Thomas W. Chisholm
26101 Northwestern Highway, Southfield, MI 48076

EXECUTIVE DIRECTOR
David B. Fay

EDITOR: ASSISTANT EDITOR: ART EDITOR:
James T. Snow Dr. Kimberly S. Erusha Diane Chrenko Becker

DIRECTOR OF COMMUNICATIONS:
Mark Carlson

NATIONAL OFFICES:
United States Golf Association, Golf House
P.O. Box 708, Far Hills, NJ 07931 • (908) 234-2300
James T. Snow, National Director
Dr. Kimberly S. Erusha, Director of Education
P.O. Box 2227, Stillwater, OK 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, NJ 07931 • (908) 234-2300
David A. Oatis, Director
Robert Y. Senseman, Agronomist
99 Lawrence St., #8, Palmer, MA 01069 • (413) 283-2237
James E. Skorulski, Agronomist

Mid-Atlantic Region:
P.O. Box 2105, West Chester, PA 19380 • (610) 696-4747
Stanley J. Zontek, Director
Keith A. Happ, Agronomist
P.O. Box 15249, Covington, KY 41015-0249 • (606) 356-3272
Robert A. Brame, Agronomist

Southeastern Region:
P.O. Box 95, Griffin, GA 30224-0095 • (404) 229-8125
Patrick M. O'Brien, Director

Florida Region:
P.O. Box 1087, Hobe Sound, FL 33475-1087 • (407) 546-2620
John H. Fay, Director
Chuck Gast, Agronomist

Great Lakes Region:
11431 North Port Washington Rd., Suite 203
Mequon, WI 53092 • (414) 241-8742
James M. Latham, Director
Robert C. Vavrek, Jr., Agronomist

Mid-Continent Region:
720 Wooded Crest, Waco, TX 76712 • (817) 776-0765
James F. Moore, Director
George B. Manuel, Agronomist

Western Region:
3704 125th Street N.W.
Gig Harbor, WA 98332 • (206) 858-2266
Larry W. Gilhuly, Director
22792 Centre Drive, Suite 290
Lake Forest, CA 92630 • (714) 457-9464
Paul H. Vermeulen, Agronomist
Patrick J. Gross, Agronomist

Turfgrass Information File (TGIF) • (800) 446-8443

©1994 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, NJ 07931. Postmaster: Send address changes to the USGA Green Section Record, P.O. Box 708, Golf House, Far Hills, NJ 07931-0708. Subscriptions, articles, photographs, and correspondence relevant to published material should be addressed to: United States Golf Association Green Section, Golf House, Far Hills, NJ 07931. Second-class postage paid at Far Hills, NJ, and other locations. Office of Publication, Golf House, Far Hills, NJ 07931. Subscriptions $24 a year. Foreign subscriptions $15 a year (surface mail) or $24 a year (air mail).