



USGA GREEN SECTION RECORD

A Publication on Turf Management by the United States Golf Association

© 1973 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.

VOL. 11, NO. 2

MARCH 1973

The USGA Green Section Award	1
Preparing Your Course for Tournament Play by Joseph C. Dey, Jr.	2
The 70 Percenters	9
Nutrient Application Update by William G. Buchanan	12
Physiological Responses of Cool and Warm Season Grasses by Thomas L. Watschke	14
The Only Good Weeds Are Dead Weeds by Stanley J. Zontek	17
Swordfish for Dinner and Healthy Turf, Too by Carl H. Schwartzkopf	19
Better Golf Courses Through Research by Alexander M. Radko	22
Some People Manage Practically and Others Practically Manage	26
Turf Twisters	Back Cover



Dr. Marvin Ferguson, winner of the Green Section Award with Edward L. Meister, Jr., (left) Green Section Committee Chairman and Lynford Lardner, Jr., USGA President (right).

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: \$2 a year. Single copies: 35c. 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, P.O. Box 567, Garden Grove, Calif. 92642. Second class postage paid at Far Hills, N.J. and other locations. Office of Publication, Golf House, Far Hills, N.J. 07931.

Editor: William H. Bengeyfield

Managing Editor: Robert Sommers

Art Editor: Miss Janet Seagle

Green Section Committee Chairman: Elbert S. Jemison, Jr., 909 Bank for Savings Bldg., Birmingham, Ala. 35203

Green Section Agronomists and Offices

EASTERN REGION

P.O. Box 1237

Highland Park, N. J. 08904

Alexander M. Radko, Director, Eastern Region
and National Research Director

William G. Buchanan, Eastern Agronomist

Stanley J. Zontek, Eastern Agronomist
(201) 572-0440

SOUTHERN REGION

P.O. Box 4213

Campus Station, Athens, Ga. 30601

James B. Moncrief, Director, Southern Region
(404) LI 8-2741

MID-CONTINENT REGION

P.O. Box 592, Crystal Lake, Ill. 60014

F. Lee Record, Director, Mid-Continent Region

Carl Schwartzkopf, Mid-Continent Agronomist
(815) 459-3731

MID-ATLANTIC REGION

P.O. Box 5563

Barricks Road Center, Charlottesville, Va. 22903

Holman M. Griffin, Mid-Atlantic Director

(703) 973-8400

WESTERN REGION

P.O. Box 567

Garden Grove, Calif. 92642

William H. Bengeyfield, Director, Western Region
and Publications Editor
(714) 638-0962