

USGA GREEN SECTION RECORD



Published by the United States Golf Association

(C) 1963 by United States Golf Association. Permission to reprint articles or material in THE USGA GREEN SECTION RECORD is granted to publishers of newspapers, periodicals and books (unless specifically noted otherwise), provided credit is given USGA and copyright protection is afforded. Neither articles nor other material may be copied or used for any advertising, promotion or commercial purpose.

VOL. 1, No. 5

January 1964

Trees for Golf Course Use.....	By Holman M. Griffin	1
Golf Course Vacuum Cleaner.....		3
On the Research Front.....		4
Mat and Thatch.....	By Marvin H. Ferguson	10
Care of Sprayers.....		12
Water System Filter Box.....	By A. M. Radko and Lee Record	13

Published six times a year in January, March, May, July, September and November by the UNITED STATES GOLF ASSOCIATION, 40 East 38th ST., NEW YORK, N. Y. 10016. Subscription: \$2 a year. Single copies: 30¢. 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, Texas A&M University, College Station, Texas. Office of Publication: 315 Railroad Avenue, East Rutherford, N. J.

Editor: Dr. Marvin H. Ferguson

Managing Editor: Don Weiss

THE GREEN SECTION OF THE UNITED STATES GOLF ASSOCIATION

Green Section Committee

CHAIRMAN: Henry H. Russell, P.O. Box 57-697, Miami 57, Fla.

DISTRICT CHAIRMEN: Northeastern: Edwin Hoyt, New Canaan, Conn., Mid-Atlantic: Martin F. McCarthy, Chevy Chase, Md.; Southeastern: Elbert S. Jemison, Jr., Birmingham, Ala.; Mid-

Western: Charles N. Eckstein, Chicago, Ill.; Southwestern: L. A. Stemmons, Jr., Dallas, Texas; Pacific Northwest: Edward A. Dunn, Seattle, Wash.; California: Edward K. Zuckerman, Beverly Hills, Calif.; Rocky Mountain: J. W. Richardson, Magna, Utah.

Green Section Agronomists and Offices

EASTERN REGION

Northeastern Office: 814 Raritan Ave., Highland Park, N. J.

Alexander M. Radko, Director, Eastern Region
Holman M. Griffin, Northeastern Agronomist
Raymond E. Harman, Northeastern Agronomist
Lee Record, Northeastern Agronomist

Southeastern Office: P.O. Box 4213, Campus Station, Athens, Ga.

James B. Moncrief, Southeastern Agronomist

MID-CONTINENT REGION

Southwestern Office: Texas A&M University, College Station, Texas

Dr. Marvin H. Ferguson, Director, Mid-Continent Region and National Research Coordinator
Jerry H. Cheesman, Southwestern Agronomist

Mid-Western Office: Room 221, LaSalle Hotel, Chicago 2, Ill.

James L. Holmes, Mid-Western Agronomist

WESTERN REGION

Western Office: P.O. Box 567, Garden Grove, Calif.

William H. Bengyfield, Director, Western Region

USGA OFFICERS AND EXECUTIVE COMMITTEE

PRESIDENT: John M. Winters, Jr., Tulsa, Okla.

VICE-PRESIDENTS: Clarence W. Benedict, White Plains, N. Y. Wm. Ward Foshay, New York, N.Y.

SECRETARY: Bernard H. Ridder, Jr., St. Paul, Minn.

TREASURER: Hord W. Hardin, St. Louis, Mo.

EXECUTIVE COMMITTEE: The above officers and: Fred Brand, Jr., Pittsburgh, Pa.; William C. Campbell, Huntington, W. Va.; Robert F.

Dwyer, Portland, Ore.; Edward L. Emerson, Boston, Mass.; Edwin R. Foley, San Francisco, Calif.; Robert K. Howse, Wichita, Kans.; Eugene S. Pulliam, Indianapolis, Ind.; Henry H. Russell, Miami, Fla.; Charles P. Stevenson, Buffalo, N. Y.; Morrison Waud, Chicago, Ill.

GENERAL COUNSEL: Philip H. Strubing, Philadelphia, Pa.

EXECUTIVE DIRECTOR: Joseph C. Dey, Jr.

ASSISTANT DIRECTOR: P. J. Boatwright, Jr.

USGA HEADQUARTERS: "Golf House", 40 East 38th Street, New York, N. Y. 10016