THE BULLETIN

of the

UNITED STATES GOLF ASSOCIATION GREEN SECTION

Vol. 13 Washington, D. C., February, 1933 No. 2

Contents

More Research on Fairway Problems Needed ............................... 22
Greenhouse Studies on Growth of Kentucky Bluegrass. By C. M. Harrison... 23

EXECUTIVE COMMITTEE

GANSON DEPEW, Chairman, Marine Trust Bldg.,
Buffalo, N. Y.
H. KENDALL READ, Vice-Chairman, Philadelphia, Pa.
EBERHARD ANHEUSER, St. Louis, Mo.
ROBERT F. ARNOTT, Upper Montclair, N. J.

H. CHANDLER EAGAN, Medford, Oreg.
WALTER S. HARRAN, Washington, D. C.
K. F. KELLERMAN, Washington, D. C.
NORMAN MACBETH, Los Angeles, Calif.
JOHN MONTTHEITH, JR., Washington, D. C.
GUY M. PETERS, Chicago, Ill.
FREDERICK SNARE, Havana, Cuba.

RESEARCH COMMITTEE

UNITED STATES DEPARTMENT OF AGRICULTURE

K. F. KELLERMAN, Chairman; Associate Chief, Bureau of Plant Industry.
F. H. HILLMAN, Botanist, Seed Investigations.
A. J. PIETERS, Principal Agronomist in Charge, Forage Crops and Diseases.
OSWALD SCHREINER, Principal Biochemist in Charge, Soil Fertility.
W. R. WALTON, Senior Entomologist, Cereal and Forage Insects.
HARVEY L. WESTOVER, Senior Agronomist, Forage Crops and Diseases.

UNITED STATES GOLF ASSOCIATION GREEN SECTION

JOHN MONTTHEITH, JR.
KENNETH WELTON

ADVISORY COMMITTEE

WILLIAM H. ASTON, Detroit, Mich.
DOUGLAS CALL, Richmond, Va.
PAUL N. COATES, St. Paul, Minn.
W. C. FOWNES, Jr., Pittsburgh, Pa.
A. J. GOTTZ, Webster Groves, Mo.
WILLIAM HABER, Cincinnati, Ohio.
WILLIAM R. H GestER, Minneapolk, N. Y.
JAS. E. MACCLOSKEY, Jr., Pittsburgh, Pa.
JOHN MORLEY, Youngstown, Ohio.
ALEX PHIELD, Fort Sheridan, Ill.

GEORGE SARGENT, Atlanta, Ga.
C. A. SAVIYER, JR., Bostio, Mass.
JOHN SHANAHAN, West Newton, Mass.
STANLEY H. SHERMAN, Cleveland, Ohio.
HARRISON SMITH, Oklahoma City, Okla.
HENRY P. SMITH, Waco, Tex.
RAYMOND TOWER, Tampa, Fla.
C. A. TREGILLUS, Everett, Ill.
JOSEPH VALENTINE, Havertford, Pa.

The Bulletin is published in January, February, May, August, October, and December by the United States Golf Association Green Section, at Room 7207, Building F, Constitution Ave. and 7th St., Washington, D. C.

Address all mail to P. O. Box 313, Benjamin Franklin Station, Washington, D. C.

Send Telegrams to Room 7207, Building F, Constitution Ave. and 7th St., Washington, D. C.

Subscription Price: In United States of America, $4.00 a year; in all other countries, $5.00 a year.

Entered as second-class matter, April 21, 1926, at the post office at Washington, D. C., under the Act of March 3, 1879. Copyrighted, 1933, by the United States Golf Association Green Section.