

THE BULLETIN

of the

UNITED STATES GOLF ASSOCIATION GREEN SECTION

Vol. 13

Washington, D. C., January, 1933

No. 1

Contents

	Page
Annual Report of the Green Section for 1932. By Ganson Depew.....	2
Obtaining Accuracy in the Application of Materials to Turf. By Fred V. Graub	7
Questions and Answers.....	17

EXECUTIVE COMMITTEE

GANSON DEPBW, Chairman, Marine Trust Bldg., Buffalo, N. Y.	H. CHANDLER EAGAN, Medford, Oreg.
H. KENDALL READ, Vice-Chairman, Philadel- phia, Pa.	WALTER S. HARBAN, Washington, D. C.
EBERHARD ANHEUSER, St. Louis, Mo.	K. F. KELLERMAN, Washington, D. C.
ROBERT F. ARNOTT, Upper Montclair, N. J.	NORMAN MACBETH, Los Angeles, Calif.
	JOHN MONTEITH, 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 MONTEITH, JR.
KENNETH WELTON

ADVISORY COMMITTEE

WILLIAM H. ASTON, Detroit, Mich.	GEORGE SARGENT, Atlanta, Ga.
DOUGLAS CALL, Richmond, Va.	C. A. SAWYER, JR., Boston, Mass.
PAUL N. COATES, St. Paul, Minn.	JOHN SHANAHAN, West Newton, Mass.
W. C. FOWNES, JR., Pittsburgh, Pa.	STANLEY B. SHERMAN, Cleveland, Ohio.
A. J. GOETZ, Webster Groves, Mo.	HARRISON SMITH, Oklahoma City, Okla.
WILLIAM HARIG, Cincinnati, Ohio.	HENRY P. SMITH, Waco, Tex.
WILLIAM R. HOCHSTER, Mamaroneck, N. Y.	RAYMOND TOWER, Tampa, Fla.
JAS. E. MACCLOSKEY, JR., Pittsburgh, Pa.	C. A. TREGILLUS, Everett, Ill.
JOHN MORLEY, Youngstown, Ohio.	JOSEPH VALENTINE, Haverford, Pa.
ALEX PIRIE, Fort Sheridan, Ill.	ALAN D. WILSON, Philadelphia, Pa.
	FRANK H. WILSON, Newton Centre, Mass.

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.