

TURF CULTURE

Published by the United States Golf Association Green Section in the Interest
of Better Turf for Golf Courses, Lawns, Parks, Recreation Fields and Cemeteries

CONTENTS

	PAGE
Experiments with Fertilizers on Bluegrass Turf.....	153
JOHN MONTEITH, JR., and JOHN W. BENGTSON	
Summary	187
Experiments with Fertilizers on Bent Turf.....	192
JOHN W. BENGTSON and F. F. DAVIS	
Summary and Conclusions.....	212
Fertilizer Trials on Demonstration Gardens.....	214
JOHN MONTEITH, JR., and KENNETH WELTON	
Summary and Discussion.....	238
 What Others Write on Turf:	
Late Fertilizing and Susceptibility of Kentucky Bluegrass to Cold	246
Will War Affect our Fertilizer Supplies?.....	248
Balance Sheet for Plant Nutrients.....	249
Nitrogen of the Air Is Now a Source of Fertilizer.....	251
Soil Fertility Affects Kentucky and Canada Bluegrass.....	252
Shade Affects Action of Sulfate of Ammonia on Turf.....	252
Our Letter Box.....	254

DECEMBER, 1939

Volume I

Number 3

TURF CULTURE

Published by

UNITED STATES GOLF ASSOCIATION GREEN SECTION



GREEN SECTION COMMITTEE

FRANK M. HARDY, *Chairman*,
Philadelphia, Pa.

ROBERT F. ARNOTT, Upper Montclair, N. J.

ERASTUS B. BADGER, Boston, Mass.

LEO S. BAUMAN, St. Louis, Mo.

DIXWELL DAVENPORT, San Francisco, Calif.

SPENCER M. DUTY, Cleveland, Ohio

ROBERT J. FOLEY, Huntington, W. Va.

RICHARD L. JACKSON, Ridgefield, Conn.

GEORGE R. JACOBUS, New York, N. Y.

H. ALFRED LANGREN, New York, N. Y.

NORMAN MACBETH, Los Angeles, Calif.

DR. M. A. McCALL, Washington, D. C.

CHESTER MENDENHALL, Kansas City, Mo.

DR. JOHN MONTEITH, JR., Washington, D. C.

JAMES MORRISON, Cincinnati, Ohio

OWEN OSBORNE, JR., Melrose Park, Pa.

WILLIAM OTTER, Chicago, Ill.

JOSEPH RYAN, Media, Pa.

A. C. STATT, Minneapolis, Minn.

WYNANT D. VANDERPOOL, Newark, N. J.

FIELDING WALLACE, Augusta, Ga.



GREEN SECTION STAFF

JOHN MONTEITH, JR., *Director and Editor*

A. J. PIETERS, *Principal Agronomist*

JOHN W. BENGTSON, *Agronomist*

F. F. DAVIS, *Botanist*

F. H. WILLIAMS, *Executive Secretary*



Office of the United States Golf Association Green Section

For regular mail—P. O. Box 73, Benjamin Franklin Station, Washington, D. C.

For telegraph, special delivery mail and parcels—Room 5632, South Building, Department of Agriculture, Washington, D. C.

SUBSCRIPTION \$4.00 PER ANNUM

Copyrighted 1939 by

THE UNITED STATES GOLF ASSOCIATION GREEN SECTION