



This meeting of Miami Valley Golf Course Superintendents' Assn. at the Moraine Country Club, Dayton, O., is typical of the many gatherings in the summer where superintendents work on course maintenance problems and compare notes with the host supt. and their other colleagues.

Superintendents Set for Their Biggest Meeting

PROGRAM for the 26th national Turfgrass conference and exhibit of the Golf Course Superintendents' Assn. will open Monday, Jan. 17 with informal "get acquainted" sessions, a tour of St. Louis golf courses and setting up of manufacturers' exhibits.

The Educational conference will start at 2 p.m. Tuesday and conclude with a Friday morning session.

The conferences and equipment and material exhibits will be in Hotel Jefferson, St. Louis, Mo.

An interesting program of entertainment has been set for the wives of superintendents.

Numerous committee meetings are scheduled. Substantial progress has been registered by the GCSA during the administration of Pres. Norman Johnson. Matters mainly of organization policy and procedure will come before committees, according to the association's secretary, Agar M. Brown.

Educational committee operations have been especially lively and constructive this year. Publicity of the association also has been organized on a basis comparable with the GCSA high standard in other respects.

The program for the Educational conference:

TUESDAY, JANUARY 18, 1955

CLARENCE PLEIN, Chairman
Superintendent, Lakeside Golf Course,
St. Louis, Mo.

(Representing Mississippi Valley Golf
Superintendents' Assn.)

Theme: Club Relations.

WHAT WE CAN DO FOR EACH OTHER
James D. Fogertey, Vp, P.G.A., and Professional, Sunset CC, Sappington, Mo.

Thomas C. McGuffey, President, Club Managers Assn. of America, St. Louis, Mo.

Ward Cornwell, Superintendent, Lochmoor Club, Grosse Pointe, Mich.

J. Porter Henry, Green Committee, Algonquin GC, Webster Groves, Mo.

WEDNESDAY, JANUARY 19, 1955

ETHAN KIRKHART, Chairman
Superintendent, Youngstown CC,
Youngstown, Ohio

(Representing Cleveland District of the
Golf Course Supts. Assn.)

Theme: Business Management By The
Golf Course Superintendent.

*WHY DO WE NEED REPORTS AND
RECORDS?*

Gordon W. Brinkworth, Superintendent,
Brookwood CC, Addison, Ill.

*THE MOST NECESSARY REPORTS AND
RECORDS*

Beryl S. Taylor, Superintendent, Iowa
State College Golf Course, Ames, Iowa.

COST KEEPING AND MAINTENANCE RECORDS

James E. Thomas, Superintendent
Army-Navy CC, Arlington, Virginia.

THE SUPERINTENDENT'S ANSWER TO THE PROBLEM

Dr. O. J. Noer, The Sewerage Commission, Milwaukee, Wisc.

DIPLOMACY ON THE JOB

ACT 1: A DISGRUNTLED GOLFER MEETS THE SUPERINTENDENT.

ACT 2: THE SUPERINTENDENT REPORTS TO THE CHAIRMAN.

Stanley Graves and his Cleveland District "Little Theatre."

SUMMARY

Charles G. Wilson, Western Regional Director, USGA Green Section, Davis, Calif.

THURSDAY, JANUARY 20, 1955

MORNING

Henry Elmer, Chairman
Superintendent, Indian Hills CC
Kansas City, Mo.

Theme: Turf Maintenance in the Northern Climate

DISEASES IN GRASS

Dr. Frank L. Howard, Head Dept. of Plant Pathology-Entomology, University of Rhode Island, Kingston, R.I.

POA ANNUA CAN BE LICKED

Dr. William H. Daniel, Agronomy Dept., Purdue University, Lafayette, Ind.

COOL SEASON GRASSES—BLUEGRASS, FESCUE AND BENT

Prof. Harvey L. Lantz, Iowa State College, Ames, Ia.

SUMMARY

Alexander M. Radko, Northeastern Regional Director, USGA Green Section, New Brunswick, N. J.

THURSDAY, JANUARY 20, 1955

AFTERNOON

GEORGE LANPHEAR, Chairman
Superintendent, Riviera Country Club
Pacific Palisades, Calif.

Theme: Turfgrass Maintenance in the Southern Climate.

TURFGRASS IN THE SOUTH AND BORDERLINE AREAS

Dr. James R. Watson, Chief Agronomist, Toro Mfg. Corp., Minneapolis, Minn.

WARM SEASON GRASSES OF TODAY AND TOMORROW

WHAT'S BEST TODAY—WHAT'S NEW
Dr. J. C. Harper, II, Research Agronomist, Field Corps Research Branch, U.S.D.A., Beltsville, Md.

SOIL STRUCTURE AND AMENDMENTS

Dr. Fred V. Grau, West Point Products Corp., West Point, Pa.

SUMMARY

Dr. B. P. Robinson, Southeastern Regional Director, USGA Green Section, Tifton, Ga.

FRIDAY, JANUARY 21, 1955

GEORGE PRIESKORN, Chairman
Superintendent, Burroughs Farms CC,
Brighton, Mich.
(Representing Michigan & Border Cities
Golf Course Supts. Assn.)

Theme: Plant Nutrition.

WHAT'S IN THE FERTILIZER BAG?

Malcolm H. McVickar, National Fertilizer Association, Washington, D. C.

HOW THE PLANTS USE NITROGEN, PHOSPHOROUS AND POTASH

Dr. Frank A. Crane, Asst. Prof. of Pharmacognosy, University of Illinois, College of Pharmacy, Chicago, Ill.

THE LIVING SOIL

Dr. W. Albrecht, University of Missouri, Columbia, Mo.

GETTING MOST OUT OF FERTILIZER

Prof. H. B. Musser, Dept. of Agronomy, Pennsylvania State College.

SUMMARY

Dr. Marvin H. Ferguson, Southwestern Regional Director, USGA Green Section, Texas A & M College, College Station.

Questions and discussion period will conclude each session.

Almost 50 makers of golf course maintenance equipment and supplies will exhibit and their salesmen will present approximately \$500,000 in maintenance goods for the examination of an expected attendance of about 1000 superintendents from the U. S., Canada, Hawaii and Mexico.

Beresford Nominated for Presidency

The GCSA Nominating committee — Warren Bidwell, chmn., and Everitt A. Shields, Malcolm E. McLaren and John Gray — presented the following nominees for consideration:

President—

William Beresford

(Golf Course Superintendents Assn. of S. Calif.), Los Angeles CC.

Vice-President—One to be elected for one year.

Ward Cornwell

(Michigan & Border Cities Golf Course Superintendents Assn.), Lochmoor Club, Grosse Pointe, Michigan

Frank P. Dunlap
(Cleveland District of the Golf Course
Superintendents Assn.), Chagrin
Falls, Ohio

Directors—Three to be elected for two-
year terms.

Paul F. Leix
(Golf Course Superintendents Assn.
of Western Pennsylvania), Allegheny
CC, Sewickley, Pa.

Donald G. Strand
(Mid-West Assn. of Golf Course Su-
perintendents), Westmoreland CC,
Wilmette, Ill.

Samuel S. Mitchell
(Greenkeepers Club of New Eng-
land), Ponkapoag Golf Course, Can-
ton, Mass.

James E. Thomas
(Mid-Atlantic Assn. of Golf Course
Superintendents), Army-Navy CC,
Arlington, Va.

Carl E. Anderson
(Minnesota Golf Course Superintend-
ents Assn.), Woodhill CC, Wayzata,
Minn.

Henson Maples
(Carolinas Golf Course Superintend-
ents Assn.), Pinehurst (N. C.) CC.

Additional nominations for all officers
can be made from the floor at the proper
time during the Annual Meeting.

The 1956 GCSA meeting has been
awarded to Long Beach, Calif.

Fall Turf Conferences Report Year's Work

FALL turf conferences last year were
featured by big attendance and ex-
pert reports of the application of turf
research station recommendations on golf
courses last year.

At the Midwest conference, held at Pur-
due university Dr. W. H. (Bill) Daniel
reported that the new creeping bentgrass
originated by Dr. Musser of Pennsylvania
State University — Pennlu — is an excel-
lent performer. While other bents were
showing dollar spot, the rich-looking
green Pennlu wasn't. This was true even
3 to 4 weeks after disease treatments had
ceased. This was in comparison with 11
other bents. Five Bermudas under obser-
vation in Hoosierland have a stubby
coarseness that makes them inferior to
bents for putting surfaces in the Midwest,
Daniel said.

The past year saw much chance to
evaluate dollarspot but not brownpatch.

Daniel also said that what seems ideal
turfgrass fertilizer for irrigated turf is a

4-1-2 ratio and for dryland turfgrass a
2-1-2. Grass doesn't need much phosphor-
ous, he declared.

The hot, dry summer showed that it is
important to keep greens cool. Noonday
dampening of a green on windy, hot days
may cut soil temperatures by 10 degrees
F., thereby reducing the 3 p.m. peak tem-
perature. Take a damp green with the
wind at 10 miles an hour. The soil is
about the same temperature as the air 1
inch above the green. But dry soil means
trouble! A soil temperature device bur-
ied ½-inch below the surface of the cam-
pus putting green at Purdue brought this
out.

A new approach to prevent crabgrass
from growing is being tried at Purdue,
Bill Daniel reported.

Aiding Bill Daniel is Dr. R. O. Ham-
mons, another Purdue agronomist. He's
helping screen 80 individual selections of
new bluegrasses. These are in 1-ft.
squares and under test on the Purdue
Agronomy Farm northwest of U. S. 52.
Also being tested are 180 bents and 18
zoysias.

Southern California Drew 129

The 129 at the 1954 Southern California
turf conference, held at Los Angeles Elks'
Club under co-sponsorship of UCLA Col-
lege of Agriculture and UCLA Extension,
and the USGA Green section, accented ir-
rigation problems. The program was well
balanced with reports on newer grasses
being used on Southern California
courses, fertilization, disease and insect
control results.

Southern California's conference had in
addition to its all-star battery of regional
authorities (Stoutemyer, Wilson, Hagan,
Simpson, et al) the roving experts, Noer,
Grau, Watson and Hallowell.

Grau also teamed with Bill Daniel, Mar-
vin Ferguson, Bert Musser and Ray Ger-
ber as visiting authorities at the Central
Plains Turfgrass Foundation conference
at Kansas State college.

Fred contributed to the Central Plains
hunt for drought and heat-resistant golf
turf the suggestion that a practical com-
bination of warm and cool-season grasses
be determined so the warm-season grasses
would insulate and protect the cool-season
grasses against killing heat.

Daniel said that most greens have an ex-
cessive amount of phosphorous and gen-
erally the addition of phosphorous is a
waste.

Seek Dry-Country Grass

Prolonged drought in the Central Plains