

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



INSPECT GRASS AND TREATMENTS ON PURDUE GREEN

Midwest Turf Foundation fall meeting group inspects Purdue practice putting green containing 12 bent strains being tested under play. Box-like apparatus at right is for applying various chemical treatments to sharply defined areas of the green.

area has emphasized the need of revaluation of turf management practices, Chester Billings of the University of Nebraska told the conference.

William F. Pickett, Kansas State turf authority who has been pushing research for turfgrass to economically meet requirements in arid hot areas of the Central Plains recalled experiences with trees during the drought of the '30s when dikes were built around trees on the K-State campus. The tree area was thoroughly soaked two or three times a year. Those trees were brought through. Trees that were lost were drought-weakened trees that succumbed to insect attacks Pickett said.

Musser viewed a phase of the problem as that of providing "a constant and adequate supply of available nutrients." Grau said that with better and cheaper fertilizers now on the market the worry about fertility was reduced but there still remained the baffling puzzle that Musser outlined, of making the fertilizer available to grass.

Grau recommended "hardening" grasses if possible, prior to periods of extreme stress, withholding water in the late spring when grass is growing vigorously and, particularly in the case of bluegrass, waiting until the bluegrass needs moisture badly.

The conference at College Station, Tex., drew more than 100 from Texas and Oklahoma courses, and gave especially thorough and practical treatment to pest control and hit insects, weeds, diseases and lack of needed budgets as plagues that accounted for superintendents' ulcers.

James L. O'Keefe Elected Western Golf Assn. President

JAMES L. O'KEEFE, prominent Chicago attorney, was elected president of Western Golf Assn. at its 56th annual meeting.

O'Keefe succeeds Stanley J. McGiveran of Toledo as president of WGA. Under McGiveran the association experienced a record year of achievements, topped by the awarding of 204 college scholarships to deserving caddies under the program of the Evans Scholars Foundation.

A former national inter-scholastic fancy diving champion and captain of the Northwestern University water polo team, O'Keefe has long been prominent in Chicago golf as a member of the Evanston (Ill.) GC, of which he is a director. He was president of the North Shore Golf League in 1949, and last year was runner-up for the Evanston club championship.

Elected with O'Keefe as 1955 officers of the Association were: Vps Cameron Eddy, Chicago; Frank H. Hoy, Milwaukee; Harold A. Moore, Chicago, and George K. Whyte, St. Louis; Secretary—A. R. Carman, Jr., Chicago; Treasurer—Walter W. Cruttenden, Chicago, and General Counsel — Robert McDougal, Jr., of Chicago.

Newly-elected directors of the WGA are: Norman G. Copland, Chicago; Andrew C. Cowan, Chicago; Terrence J. Dillon, Chicago; Harold E. Foreman, Jr., Chicago; Hubert E. Howard, Chicago; Frank E. Kenney, Detroit; David M. Lilly, Minneapolis; Robert E. Maxwell, Chicago; Bernard H. Ridder, Jr., Duluth; James M. Royer, Chicago; William F. Souder, Jr., Indianapolis.