



Here's the lineup of speakers that were heard at the meeting of Iowa, Illinois and Missouri supts., held in Keokuk, Ia., in October. From left: Eliot Roberts, Iowa State University; Fred V. Grau, Nitroform Agricultural Chemicals; Malcolm Shurtleff, Iowa State University; Mrs. Zelda Baxter, supt., Keokuk CC; Ed Cott, Iowa State University; and Leo Cleary, W. A. Cleary Corp.

Midwest GCSA Holds 7th Clinic at Olympia

Warren Bidwell, the new supt. at Olympia Fields (Ill.) CC, was host, Dec. 1-2 to the seventh annual Midwest GCSA clinic which was typically well attended and conducted in a manner that makes this one of the country's leading sectional conferences.

The theme of the meeting was "Practical Research at Work." The first day's sessions were moderated by Gene C. Nutter, national executive dir. who introduced such widely known agronomists and manufacturers as Mike Britton of the University of Illinois, Eliot C. Roberts of Iowa State, James Holmes of the USGA green section and Tom Mascaro, West Point Products Corp. Supts. who spoke or appeared on panels included Robert Williams, Norman Kramer, Ward Cornwall, Charles Shiley, John Ebel, Marvin Gruening, Dave Mastroleo and Ted Woehrle.

Britton spoke on fine turf diseases; Roberts gave an interesting illustrated talk on the relationship between leaf and root development of turfgrasses; Holmes told how confusion in the choice of grasses could be avoided and made suggestions for reducing havoc caused by snowmold; and Mascaro, using slides, discussed fairway renovation practices.

Tell of Those Trying Days

A supt. panel team composed of Williams, Kramer, Cornwall and Shiley gave a roundup of their experiences during the year, many of which were trying because of the miserable 1958-59 winter in the Midwest and the hot, humid weather that came in mid-August and didn't abate for

several weeks. Marv Gruening described the two-year new construction and renovation program that has been going at the Midwest CC in Hinsdale, Ill. Dudley Smith told of the green juggling act that is going on at the 36-hole Silver Lake club in Chicago where putting surfaces are being rebuilt or re-designed. Much of it has gone on during the heaviest part of the playing season. Dave Mastroleo talked on maintenance of the Par 3 course, while Ted Woehrle gave an illuminating lecture on what goes into the various kind of fertilizers that supts. use.

The second day's conference was moderated by Charley Wilson of Milwaukee Sewerage Commission, who was back with a new supply of appropriate quotes from a number of profound sources. Outside speakers included Milt Woodard of Western Golf Assn., who looked at the golf car situation from the viewpoint of an organization that champions the caddie. His conclusion: There's no reason why there can't be co-existence. Mike Phalen of International Harvester delivered an inspirational talk on knowing, doing and enjoying turf maintenance work.

Right People Didn't Hear It

The practical side of course management was entrusted to Roy Nelson and Joe Dinelli, both of whom are supts. Nelson went into the many problems that are inherent in installing, maintaining and operating a course irrigation system. Club members, who may have the impression that a cold weather supt. goes into hibernation with the first snowfall, would have been enlightened had they seen Dinelli's films and listened to his description of the amount of labor that goes into a winter

program of re-conditioning equipment.

The session's round table discussion was handled by Roger Thomas of Jacobsen Manufacturing, Warren Roseman of Roseman Mower, Verne Fish of Toro, Dick Hanson of Nelson Irrigation Co., and Bill McEllhiney, J. P. Miller Well & Pump Co., who described some of the new equipment that is on its way and answered questions about or explained the operations of many machines that already are in the hands of the supts.

At the annual banquet held on the evening of Dec. 1, Ray H. Gerber, supt. at Glen Oaks CC, Glen Ellyn, Ill., served as master of ceremonies.

GCSA and Green Section Help University in Staging Sixth Arizona Turf Conference

By **LEE BURKHART**

More than 110 persons attended the 6th Arizona turf conference held at the University of Arizona in October. The University's agronomy dept. cooperated with the Arizona GCSA and USGA green section in staging the two-day affair. At the same time the Arizona Turf Assn. was formed.

Victor Youngner, UCLA turf specialist, headed an impressive list of speakers that included Marvin H. Ferguson of the green section, Jim Watson of Toro, John Gallagher of Amchem Products and Charles G. Wilson of the Milwaukee Sewerage Commission. Youngner told of the effects of light and temperature changes on Bermuda; Watson spoke on turf engineering; Gallagher discussed various methods of weed control; and Wilson gave an illustrated lecture on producing better turf.

The future of Arizona's turf program was thoroughly gone into by a panel composed of Gary Madison, Gene Reid, Art Snyder, William Schilmdacher, William Norton, Joseph Folkner and Lee Burkhardt.

During the conference the Arizona GCSA and turf grass suppliers presented a check to the University's Agricultural Experiment Station to help defray research costs.

CMAA Gives Turfmen A Hand

Arizona chapter of CMAA has taken on the job of soliciting and collecting contributions from clubs for support of turfgrass research. Bill Hodges, pres. of the Arizona chapter, said the goal for the year is \$2,500.

Golfdom Luncheon at GCSA Convention

Golfdom's third Father and Son and Son-in-Law luncheon will be held in the Grecian Room of the Shamrock Hilton at the GCSA conference. It is scheduled for 12:30 p.m. on Thursday, Feb. 4. Officials and directors of the GCSA also have been invited to attend. At previous luncheons held at the Shoreham in Washington and Sherman in Chicago, about 60 persons were the guests of Herb and Joe Graffis on each occasion.

Texas A. & M. Holds 14th Turf Conference

The 14th turf short course of Texas A. & M. College was held in the Memorial Student Bldg. in College Station, Dec. 7-9. Ethan C. Holt and John A. Long were in charge of arrangements.

Speakers at the first day's meeting were Charles Hohn, Texas A & M, Leon Howard, College Station, J. W. MacQueen of the school's ground and maintenance dept., David Lilly and Jim Watson of Toro and Monty Moncrief of the USGA green section. They covered water hydraulics, course design, planting arrangements, equipment and personnel management.

At the golf course section of the meeting on Dec. 8, the following appeared on panels or spoke: Bill Trogden, Texas A & M; Gene C. Nutter, executive dir., GCSA; Jim Holmes, USGA green section; Bob Anderson, supt. Corpus Christi CC; Marvin Ferguson, USGA research dir.; Grover Keeton of Dallas and L. W. Dubose, supt., Houston CC and Wilbur Stewart, supt., CC of Austin. Subjects covered included herbicides, fungicides, fertilizers, budget preparation, long range planning and labor problems.

A general assembly of course supts. and school, park and cemetery representatives was held on Dec. 9. Shade tree maintenance and flower arrangement were covered in part of this session. E. C. Holt gave a summary of turf research at A. & M. and Charles Wilson, Milwaukee Sewerage Commission, discussed technical advances in reducing maintenance problems.

Willie Ogg Dies

Willie Ogg, 71, a pro for more than 50 years, died in Tampa, Fla., on Dec. 25 after an illness of several weeks.