

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 Schildmacher, 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.