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clubs, and of the Masonic Order and the American Legion.

He was treas., Ace Carton Corp., Chicago, and Ace Folding Box Co., White Pigeon, Mich., and for two terms, pres., Folding Paper Box Assn. of America.

Scotty is survived by his mother, Mrs. Anna Julia Fessenden; his widow, Talia; his son, Maynard G., Jr., a daughter, Gay Mesta; his brothers Ace and Walter and a sister, Mrs. Charlotte Petersen.

His passing is deeply lamented by thousands who counted his friendship one of their rich and delightful treasures.

of the Turf Research Program since the initial conference in 1947 pointed out that good turf is impossible without objective type investigations. He closed by emphasizing that turf is second only to food in forming the most common link between town and country.

Dr. E. C. Holt, in charge of the grass improvement program for the college, talked on the strain evaluation phase of developing a new turf grass. Grass strains differ greatly in color, texture, disease and drought resistance, ability to compete with weeds, rapidity of growth and tolerance to chemicals. The fact that strains superior in one area may not be superior in another location was emphasized.

A. W. Crain, Pasture Extension Specialist for the college, talked on the effect of climate on turf grasses. The temperature relations between cool and warm season grasses were discussed. Soil type, soil color, direction of slope and amount of soil water are among the factors influencing soil temperature.

"How Management of Turf Influences Disease Incidence" was the title of a talk given by Dr. O. J. Noer, eminent turf specialist with the Milwaukee Sewerage Commission. The best of turf fungicides may be condemned as inadequate because

6th Texas Turf Conference

At Texas A. & M., Dec. 12-14

The Sixth Annual Texas Turf Conference was held on the campus of the A. & M. College of Texas, Dec. 12, 13, 14, 1951, with 70 turf men from all parts of the state participating. The attendants represented golf course, park, cemetery, athletic field and airfield interests. The Conference was sponsored jointly by the Texas Turf Association and the College.

Dr. R. D. Lewis, Director of the Texas Agri. Exp. Station, welcomed the turf men. Dr. Lewis in reviewing the progress

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IMPROVING CENTRAL PLAINS GOLF

Second Annual conference of Central Plains Turf Foundation, at Kansas State College, Manhattan, Ks., assembled experts from Kansas, Western Missouri and neighboring areas to whom tough problems of turf maintenance are matters of course. In that area if it isn't flood, it's drought with blistering temperatures, or sweltering humidity. What the tie-up of course supts., research experts and supply men have been able to do for courses in this territory is a marvel, and can be partially explained to club officials and members if they'd ever sit in on the Central Plains sessions.

of improper management. Proper watering, fertilization and aeration as well as the selection of the proper species or strain are important factors in the prevention and control of disease. There is no substitute for the "man" in management. A common grass in good hands will produce better turf than a good grass in poor hands.

Noer and Tom Mascaro, of the West Point Lawn Products Company gave a discussion of turf in the United States, Canada and Mexico, illustrated with color slides, in an evening program.

Physical Soil Requirements

Dr. J. B. Page, Professor at Texas A. & M., discussed the physical soil requirements for growth of turf grasses. Plants require support, nutrition, temperature, water and oxygen from the soil. Porosity, either textural or structural, governs the water and oxygen supply of the soil. Page stated that the proportion of pore space available for air and water may be definitely influenced by management practices. Compaction reduces pore space and hence the oxygen supply available for plant roots. Under heavy compacted and water logged conditions turf grasses may display symptoms of oxygen deficiency which may be mistakenly diagnosed as wilting from lack of water. The addition of more water will intensify rather than correct this situation according to Page.

Tom Mascaro using colored slides demonstrated the practical benefits of mechanical aeration as a means of alleviating compaction, thatching and shallow

roots. The necessity of using the proper type of aerating equipment in order to obtain the necessary cultivating action was very effectively demonstrated.

Dr. J. F. Fudge, State Chemist, gave some fundamental information about fertilizers. Such information as fertilizer grades and ratios and the effect of nitrogen, phosphorous, and potash on turf grasses was discussed. The group was pleased to learn that improvement in fertilizer processing has resulted in the production of materials that will not "set-up" as a result of long periods of storage. M. K. Thornton, in charge of the Soil Testing Service, discussed the procuring of soil samples and interpretation of soil analyses.

Dr. Fred V. Grau, Director, USGA Green Section, was unable to attend the conference. Dr. Grau's interest in better turf for Texas was expressed through his remarks on aerification, watering, fertilizing and new strains which were read by Dr. Jim Watson in his absence. Dr. Grau suggests the establishment of a Turf Advisory Committee to serve as a link between research and the field. Such a committee is invaluable both in planning research and in obtaining support for research.

J. I. McGregor, Agronomist, with Flying Training Air Force, Waco, Texas, and V. L. Rouze, Superintendent, Mt. Olivet Cemetery, Ft. Worth, Texas, discussed problems that arise when attempting to develop and maintain good turf on airfields and cemeteries, respectively. Dan Dudley of the Texas State Department of Agriculture explained the new Texas

Herbicide Law. The regulations governing the sale and use of hormone type herbicides as well as counties exempt from the law were discussed.

Professor A. F. DeWerth, Head of the Department of Floriculture and Landscape Architecture at Texas A. & M. gave a discussion on the "Care and Management of Ornamentals". The physical soil requirements for shrubs as outlined by Professor DeWerth were markedly similar to those for a good putting green. The necessity of using the proper fertilizer, balanced according to the needs of the plant, was emphasized. The selection of adapted ornamentals is just as important in reducing maintenance costs as the selection of adapted turf grasses according to Professor DeWerth. He closed by saying that during periods of high temperature maintenance operations should be reduced to a minimum and that usually proper watering is all that is required.

Crabgrass Control Tests

Dr. J. R. Watson, Jr., in charge of turf research, reported the results of the National Coordinated Crabgrass Control Tests conducted by the Texas Agricultural Experiment Station, at Substation No. 22, Kirbyville, Texas. The results indicate that complete chemical control of crabgrass in turf is now a definite possibility, however, chemicals are not the ultimate answer to crabgrass control. The importance of proper management in the prevention of crabgrass infestation was stressed. W. E. Zimmerman, Turf Specialist with the American Cyanamid Company, covered the highlights of "What's New in Crabgrass Control". He also gave a thorough discussion on the control of weeds in seedbeds prior to the establishment of desirable turf.

During a question and answer period, many individual problems not covered by speakers were considered and possible solutions proposed by a panel of experts on turf management.

At the annual business meeting of the Texas Turf Association the following officers were elected for 1952. President, Dick King, Director Mt. Olivet Cemetery, Ft. Worth, Texas; Vice-President, Jim Jennings, Superintendent, River Oaks Country Club, Houston; Secretary-Treasurer, Bob Shelton, Director of City Parks, Tyler, Texas.

PGA MEET SERENE

(Continued from page 32)

turn-over in tournaments due to discouragement of previous sponsors, trend toward exhibitions and invitation tournaments among higher ranking clubs rather than tournaments.

Advisory committee also proposed that

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