materials and methods which are being used against Dutch elm disease, according to Mauget.

Exact dates and locations will be mailed on request to interested persons.

Write: J. J. Mauget Co., P.O. Box 3422, Burbank Calif. 91504.

California Turf Exposition Set for January 29-30

A total facelift is in store for the 12th Annual Northern California Turfgrass and Environmental Landscape Exposition January 29-30.

The site again is the Hall of Flowers at the San Mateo County fairgrounds. A complete new floor plan has been developed and approved by exposition chairman Paul Albright and co-chairman Grady Simril which will provide 30 additional exhibit spaces.

Anyone interest in further information about the exposition can write P.O. Box 268, Lafayette, Calif. 94549, or call 415-283-6162

Green Chairman in Office Longer Aids Superintendent

Administrators and green chairmen should serve for a longer period with a vice chairman or second in line to provide a continuity of club policy without radical change, according to Charles Calhoun, consulting turf specialist.

He also says these administrators should familiarize themself with the policies and practices of successful clubs by visitation or by attending meetings now and then to listen and ask questions.

"Overly frequent changing of green chairmen each often trying to install policy and practices he believes will solve all the problems of economics and at the same time offer better golfing is a problem," Calhoun said in the newsletter of the lowa Golf Course Superintendents Association.

"Caught up in all this is the superintendent, who unlike the green chairman expects to hold a job for a reasonable length of time. Differences of opinion arises to a friction between superintendent and administrator and it is always the superintendent who goes, right or wrong."

Green Drainage Problem Solved by Nebraska Super

Maury Spence of Hillcrest Country Club, Lincoln, Neb., had difficult drainage problems on many of his 1928 greens, and his temporary solution to the problem may be of use to other superintendents across the country with the same problem.

"In original construction the drain tile was placed 24 inches below the surface surrounded in a trench by rock," Spence said. "In exposing and inspecting the tile it was found to be clean and dry in most areas, suggesting the water had never reached it. Many of the greens have developed pocket areas which tend to hold water after a rain and stay softer than desirable from normal watering. The result on the smaller greens having this problem is thinning of the turf."

Spence said his club could not afford complete green construction, so an alternative temporary solution was worked out. He probed in his problem areas to locate the nearest existing drain tiles. Then one square foot of turf one to two inches deep over the tile was removed. He then augered a hole about eight inches in diameter until the top of the tile was exposed, and cleaned the soil from the top of the rock surrounding the tile. Then he punched a silver dollarsize hole in the top of the tile, placed a two-inch layer of straw in the hole and a six-inch layer of pea gravel on top of the straw.

He then filled the hole with sand to the surface, flooded the hole to settle the sand and added more sand to reach the surface, and replaced the original turf. "I am happy to report that to date they are working much better than expected," Spence wrote in the newsletter of the Nebraska Golf Course Superintendents Association. "We have received considerable comment from the membership concerning the improved condition of the greens. Also, we have experienced two heavy rains since installation and these greens were the bestdrained on the course."



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