

THE BULL SHEET, official monthly publication of the MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS. Editor, William H. Stuppel, 543 Michigan Ave., Highland Park, Ill.

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THE PRESIDENT'S MESSAGE

Our summer series of Golf Tournaments starts with our first outdoor meeting May 3 at Glen Eagles. Our host for the day will be Walter Fuchs who keeps his course in excellent condition as a matter of course and who I know will extend himself to make our visit there most enjoyable. Walter is just that way. He is a good host and has the full cooperation of the manager and the chef. It will be a great day. It will be advisable for you to come out early to get in your 18 holes. We hope you will come out and enjoy yourselves.

It is time that we arrange our complete schedule of summer dates and host clubs. If you would like to have us at your course this summer, please see me at Glen Eagles and we can complete our schedule.

At our Board of Directors meeting on April 14, it was suggested that we ask all members who bring guests to register them with the Tournament Committee. Guests must be sponsored by a member of the Association. It is felt that in the past that many people were taking undue advantage of us and attending our meetings without us having a record of them and not knowing who they were. This does not mean that guests are not welcome at our meetings, but we just want to have a closer check on them. Bring your friends with you any time you want.

I'll be seeing you at Glen Eagles.

George Roloff, President

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THE MEETING AT RIVER FOREST

It was a beautiful spring day at River Forest Country Club on April 5 when we assembled there for our meeting at Ed Stewart's beautiful course. A number of the members took advantage of the weather to play the course and reported it in great shape. Mr. J. M. Farnsworth gave us a most educational demonstration of welding in the afternoon which was most appreciated by all in attendance.

65 men sat down to a wonderful roast beef dinner in the evening and attended the meeting which followed. The feature of our meeting was the Question Box. A panel consisting of Walter Fuchs, Norman Kramer, Ben Gee, Mel Warneke, Al Wyman and Harold Baerwald answered many questions and it certainly was worth listening to.

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OUR MAY MEETING

Our May meeting will be held at Glen Eagles Country Club, Monday, May 3 with Walter Fuchs our host. This will be our annual Spring Tournament and Golf Chairman Bill Krafft will have many and wonderful prizes for the winners. Bill says we should have some good weather and expects a big turnout. Walter is planning a steak dinner in the evening which should be out of this world, so better not miss this one. At our meeting in the evening the Educational committee is planning something very worth while.

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NEW MEMBER

Lindo Bernardini, Superintendent of Knollwood Country Club, Lake Forest, Ill., was recently accepted by the Executive Committee as a regular member of this organization.

INJURIOUS TREE PESTS OF EARLY SPRING

Almost as soon as new leaves break from their sheltering bud scales, they are subject to injury from various sources. The over-wintering eggs of many insects hatch about the time leaves start to unfold—the young larvae depend upon tender foliage for their food. The spore-development period of certain fungi occurs in the early spring—these spores, carried by wind, birds or other means, are responsible for common leaf diseases of trees. Frequently, developing foliage is damaged by inclement weather conditions.

Insect Damage. Scale insects that have escaped dormant spray applications will be found infesting leaves very early in the season. At this time the newly hatched scales are in the crawler stage and, viewed through a good hand lens, appear as tiny, louse-like creatures, usually pale green in color. Commonly, they are found on the under surface of leaves, attached to the midrib and veins, busily feeding by sucking out the sap. Sprays applied during the dormant season are generally used to control scale insects; under certain conditions, contact insecticides may be used effectively even after foliage develops.

Defoliating insects that appear early in the spring include canker worm, tent caterpillar, elm leaf beetle, spruce budworm, several species of sawflies, and many others. Since insects of this class eat portions of the leaves in feeding, they usually may be controlled effectively by means of stomach poison sprays or with some of the newer synthetic organic compounds. Timing in the application of spray materials is important; to hold insect damage to a minimum the spray should be applied as soon as possible after the larvae have appeared. The larvae of defoliators, as a class, are voracious feeders; if an effective insecticide is not applied very shortly after the caterpillars are first seen, the host tree is likely to be stripped of leaves.

Fungus Damage. Among the fungous diseases that often cause serious foliage injury are cedar-apple rust, black spot of elms, tar spot of maples, sycamore anthracnose and oak anthracnose. The fungus that causes cedar-apple rust requires two different plants—a variety of red cedar (*Juniperus virginiana*) and a member of the apple or hawthorn family. If infection occurs in ornamental plantings where both host trees are of value, the disease can be controlled reasonably well by hand picking the apple-like galls from the juniper in late winter, and spraying the deciduous host with a fungicide. Fungicidal sprays, properly applied, effectively control anthracnose and the various leaf-spot diseases caused by fungi.

Late Frost Damage. Low temperatures and frosts that occur late in the spring after foliage has started to develop may cause wilting and browning of portions of the leaves and, in severe cases, death of succulent twigs. Trees growing in low areas or valleys—natural "frost pockets"—are damaged more often than those on higher ground. Where damage is severe, it is advisable to prune out the dead wood and give the tree an application of fertilizer to stimulate new growth.

—Shade Tree Digest

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Elmer Bertucci reports that he spent two weeks at Hot Springs, Arkansas in March. Elmer has been going to Hot Springs for a number of years and says it does him a lot of good and gets him into condition for season. There must be some truth to it as verified by Elmer's youthful looks.