

Continued from Page 2

The third area of activity last summer was the fungicide - fertilizer - dollar spot interaction study at the St. Paul Campus. The fertilizers were applied as in Table 1. Dollar spot readings began on August 1 and continued through September 14. The data in Table 3 suggests the following: 1) nitrogen of any kind slowed disease development but did not control it and 2) water soluble nitrogen forms had slightly more dollar spot before slow release nitrogen forms. Clearly when dollar spot conditions occur, fungicides are required to manage Penncross Bentgrass.

The application of dollar spot fungicides listed in Table 4 occurred on fertilizer treatments Par Ex 31-0-0 and Par Ex 20-0-16 and in one case on Scotts greens fertilizer 22-0-16. The disease was well established when spraying began on July 25. The standard systemic product benomyl or Tersan 1991 provided excellent control. The RP 26019 rates were too low or the application interval was too long. The 2 oz. application rate of RP 26019 may be adequate when disease pressure is less. The new Daconil formulation 4 F provided better control of dollar spot than did the 6 F formulation. The experimental products are also very promising. The Ciba Geigy product at 2g/1000 sq. ft. is fifteen times less material than a 1 oz. rate. The BFN product from the Boots company in England also performed well at several rates and formulation types.

The summer plots were very exciting and did yield some valuable data. In addition to the plot work repeated here, fall fertilizer applications were made at Pierz, Forest Lake and Hazeltine Golf Courses. We are testing date of fertilizer application and type relative to snow mold development. No data is available but come the spring snow melt, we may have confirming evidence to support fall fertilizer applications and better handle on when to apply fertilizer products and what types.

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NEW MEMBER DRIVE

Share a good thing with that superintendent friend who always was going to join but never quite got around to it. Use the application blank found in the rear of this issue of HOLE NOTES to put (as salesmen say) the fast close on him and get his signature on that application. Actually, you will be doing him a favor by opening up the opportunity to meet and exchange ideas and information on a monthly basis with other people in the same field. Think back! That is probably how you joined the association and aren't you glad you did! Don't let this opportunity to help a fellow superintendent go to waste.

While speaking of memberships, perhaps this is the right time for M.G.C.S.A. members who do not belong to the Golf Course Superintendents' Association of America to take a look at their progress and advantages of membership. Just call our office for a membership folder. Most clubs are willing to pay for their superintendent's membership.