

fairway reseeding, etc. If so, which operation is to be worked on or completed this spring?

"BE SURE YOU'RE RIGHT, THEN GO AHEAD" — David Crockett

PRESENT AND FUTURE CONTRIBUTIONS OF THE DEPARTMENT OF PLANT PATHOLOGY TO THE ILLINOIS TURF-GRASS PROGRAM

Services are now available through our Extension Plant Pathologist to golf clubs and home owners and others having turf disease problems. These include 1) personal calls providing "on the spot" disease diagnosis and recommendations for control, 2) informational talks at group meetings, and 3) establishment of plots to demonstrate disease control methods and materials.

In addition to the services outlined above, current information is prepared and released as Departmental publications: "Reports on Plant Diseases" and "Plant Disease Pointers". These publications have a limited distribution because of printing costs.

To strengthen the informational services on turf-grass diseases, it is absolutely necessary to have an active and progressive research program in Illinois. To our knowledge, no research on diseases of turf grasses is now being conducted anywhere in the midwest.

Some objectives of a research program on turf diseases are as follows:

1. Evaluate under putting green and lawn conditions the effectiveness of fungicides presently used singly or in combination for turf disease control.

2. Evaluate new fungicide in laboratory and greenhouse for disease control, toxicity to plants, and compatibility with other chemicals applied to turf. Satisfactory materials will be tested under field conditions.

3. Identify the cause of disease situations and develop controls. For example, the fungi *Curvularia* and *Helminthosporium* are almost always present in the same diseased area and as a consequence, it is not actually known which one is the primary cause of the disease situation. Controlled experiments would provide the answer and information leading to better control measures.

4. Evaluation of clonal selections of bent grass, bluegrass, etc. for resistance to specific or combinations of disease-producing organisms.

5. Study the effect of fertilizers, irrigation practices, height of mowing, aeration, etc. on incidence, development and control of disease.

Until funds are obtained for hiring a research man, little research on diseases of turf grasses can be conducted by the Department of Plant Pathology. Some fungicide evaluations can be made on plots established for demonstrating disease control methods and materials.

NOTICE TO ALL GOLF COURSE SUPERINTENDENTS IN ILLINOIS

If you have a Turf Grass Disease problem you may call:

DR. "MIKE" (M. P.) BRITTON
241 Davenport Hall
University of Illinois
Urbana, Illinois

Phone: EMPIRE 7-6611 EXT. 3734 — If no Answer Call EXT. 3491 and leave message

DR. "MIKE" WILL GIVE YOUR CALL PROMPT ATTENTION

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