

WHAT ABOUT WINTER INJURY?

Golf course turf has always been plagued by extremes of temperature, moisture, traffic and all manner of problems that are to a great degree controllable. Programs have been developed to react to most of these extremes "after the fact." Nature prevents or encourages many of these reactions during the winter and early spring. We must, then, understand the forces that promote injury during cold weather and develop programs that will strengthen turf growth and act to prevent damage.

This symposium is designed to look at all phases of turf damage—theory, research, and practices that provide golfers with the most playable turf for the longest period of time. Recent years have shown that club affluence has little to do with turf survival under winter stresses, but adherence to principles of good turf growth is most important for low and high budget courses alike.

Featured speakers will explain how plants are affected by cold weather and how they can be protected. Soil warming, plastic sheeting and sprays are new methods of plant protection to be described. Modern golf course architecture and construction relating to damage prevention will also be discussed.

Milwaukee area superintendents will relate the various ways they contrive to put a course to bed in the fall and reawaken it in the spring. Not all programs are the same. Budgets, type of grass, amount of play, etc., differ, but the successful turf manager's programs fit a central pattern of protection concepts.

Early spring play is of interest to everyone involved in golf. This will be investigated by a panel of speakers ranging from golfer to park administrator to owner to golf course superintendent. This, we hope, will determine a policy toward opening and closing courses during the critical spring period.

Although the entire program is aimed specifically toward golf turf, other turf managers will find all the topics interesting. Extension and information personnel will find many segments with direct application to home lawns. Certainly any golf course superintendent in the upper midwest will find the entire program to be of prime interest in coping with today's management pressures.

TENTATIVE PROGRAM

WINTER INJURY CONFERENCE

December 14 & 15, 1966

Hilton Inn, 2611 W. Wisconsin Ave., Milwaukee, Wis.

December 14 — Morning Session

Peter Miller, Chairman

8:00 — Registration and Coffee

(Registration Fee \$15.00 includes Lunch & Dinner)

Welcome — Art Post, Pres. Wisconsin Golf Course

Superintendents Association

Observations of Winter Injury Patterns —

Charles Wilson

Research Report on Winter Injury — Jim Beard

BREAK

Questions related to Research Finds —

Charles Wilson, Marvin Ferguson, Bill Daniel,
Jim Love

NOON — Lunch

Afternoon Session

Joe Deschler, Chairman

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GEORGE A. DAVIS, INC.

5440 Northwest Highway — Chicago 30, Ill.

1:00 — Soil Warming and Antitranspirants —
 Bill Daniel
 Panel: "When do we Open or Close the Golf Course"
 John Voight: Permanent - Temporary Greens
 Frank Ranney: From an Owner's Viewpoint
 Bob Hornung: The Club Official's Dilemma
 Bill Sell: Problems in Early Spring Play

BREAK

Soil Conditions and Nutrition Related to Winter Hardness — Jim Love
 Diseases and Drainage Related to Winter Injury — Jim Holmes

6:00 — Cocktails - Dutch Treat

7: 00— Dinner

December 15 — Morning Session

Allan Kress, Chairman

9:00 — Protection and Moisture Control in Reducing Winter Injury — Marvin Ferguson

Panel: "Practical Methods of Preventing Winter Damage"

John Stampfl — Questions

Lester Verhaalen, Charles Shiley, Frank Musback, Jim Holmes, Jim Latham

BREAK

Design and Construction for the Future —
 Pete Dye

MOVIE

Summation — Jim Latham

12:00 — Conference Ends

SPEAKERS

DR. JAMES B. BEARD — Department of Agronomy
 Michigan State University

DR WILLIAM H. DANIEL — Department of Agronomy
 Purdue University

MR. PETER DYE — Golf Course Architect
 Indianapolis, Indiana

DR. MARVIN H. FERGUSON — Mid Continent Director
 and National Research Coordinator

United States Golf Association Green Section

MR. JAMES L. HOLMES — Mid West Agronomist

United States Golf Association Green Section

MR. BOB HORNUNG — Green Committee Chairman

South Hills Country Club, Fond du Lac, Wis.

DR. JAMES R. LOVE — Department of Soils
 University of Wisconsin

MR. JAMES M. LATHAM — Agronomist
 Milorganite Turf Service

MR. FRANK MUSBACK — Superintendent Bluemound
 Country Club

Milwaukee, Wisconsin

MR. FRANK RANNEY — Owner, Maple Grove Golf
 Club

West Salem, Wisconsin

MR. BILL SELL — Superintendent, Port Country Club
 Port Washington, Wisconsin

MR. CHARLES SHILEY — Superintendent, North Hills
 Country Club

Menominee Falls, Wisconsin

MR. JOHN STAMPFL — Superintendent, Milwaukee
 Country Club

Milwaukee, Wisconsin

MR. LESTER VERHAALLEN — Superintendent, Brynwood
 Country Club

Milwaukee, Wisconsin

MR. JOHN VOIGHT — Director, Whitnall Park
 Milwaukee, Wisconsin

MR. CHARLES G. WILSON — Argonomist and Sales
 Manager

Milorganite Turf Service

MALLINCKRODT ISSUES NEW "TURF PEST MANAGEMENT HANDBOOK"

A new "TURF PEST MANAGEMENT HANDBOOK" has been published for golf superintendents and other career turf managers by Mallinckrodt Chemical Works, St. Louis.

The new HANDBOOK, according to Turf Products Manager Stan Frederiksen, covers turf disease fungi and their control, primarily, but also discusses major weedgrasses and other turf pests and their control as well.

The 48-page HANDBOOK includes full-color pictures of 17 major turf diseases and 3 major weedgrasses, with identification and control data on each. In addition, there are line drawings of turf fungus organisms as seen through a microscope, and of weedgrass structures. Scientific and common names for the diseases and weedgrasses are provided.

Mallinckrodt has included several "keys" for the quick, easy identification of turf diseases and fungi, both under normal viewing conditions and microscopically.

The HANDBOOK is designed to help turf managers develop and maintain a "preventive" program against turf disease and weedgrass pests. Copies are available free, to qualified turf managers, from Mallinckrodt Chemical Works, St. Louis, Missouri 63160.

NEW MEMBERS SINCE NOVEMBER 1, 1965

Frederick D. Stice, Mundelein	B	Nov. 3, 1965
Bruce A. Sering, Oak Lawn	D	Nov. 3, 1965
David L. Brown, Kankakee	D	Nov. 15, 1965
Robert E. Heslror, Kankakee	A	Nov. 15, 1965
Edward A. Phelan, Waukegan	A	Nov. 28, 1965
Lester M. Mach, Wilmette	D	Jan. 4, 1966
Charles W. Pezoldt, Des Plaines	D	Jan. 4, 1966
Edward I. Shaler, Mt. Prospect	EE	Jan. 21, 1966
Paul W. Bando, Glen Ellyn	EE	Feb. 12, 1966
Lew F. Irvine, Glenview	EE	Mar. 10, 1966
G. Thomas Cillman, Lombard	A	Feb. 15, 1966
Carol McCue, Evanston	Hon.	Jan. 1, 1966
John Chovanec, Skokie	Hon.	Jan. 1, 1966
James Levanduski, Waukegan	Hon.	Jan. 1, 1966
Archer H. Smith, Oak Park	EE	Mar. 15, 1966
Robert R. Alm, W. Chicago	D	Mar. 19, 1966
Thomas W. Belton, Elgin	EE	Mar. 26, 1966
Willard F. Berkow, Northbrook	D	Apr. 5, 1966
Richard T. Ryczek, Elmhurst	D	May 4, 1966
Frederick J. Reitz, Ingleside	D	May 7, 1966
John W. Hooper, Des Plaines	E	May 19, 1966
Roger J. LaRochelle, Ol. Fields	D	June 15, 1966
Ronald P. Bild, Waukegan	D	June 24, 1966
William J. Rahling, Waukegan	D	June 24, 1966
Peter C. McCormick, Homewood	D	July 19, 1966
Jack R. Hanson, Crystal Lake	A	July 19, 1966
Roy E. Hoover, Jr., Mokena	D	July 19, 1966
Thomas W. Conway, Niles, Mich.	B	Oct. 10, 1966
James G. Johnson, Alsip	EE	Oct. 11, 1966
Rollin A. Clifford, Downers Grove	B	Nov. 1, 1966