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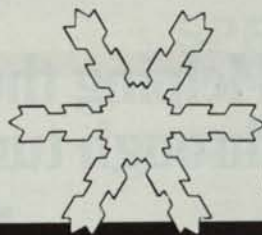
**George A. Davis, Inc.**  
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### 22nd ANNUAL TURF CLINIC

Medinah Country Club

Tuesday, December 3rd, 1974

- 8:30 Registration — Howard Baerwald and Bert Jannes
- 9:15 Session I — Fred Opperman, Moderator  
Call to Order — President, Midwest Association of Golf Course Superintendents  
Host Superintendent Welcome — John Jackman  
"Problems, Research and Solutions with C-15" — John Jackman  
Dr. Joseph Vargis, MSU  
"Soil Mixtures on Greens, Results, and Where Do We Go From Here" — Kenneth Quandt and Ted Sokolis  
"Soil Mixtures on Greens in the Midwest" Charles Wilson, Milorganite  
"Questions from the Floor and Answers from the Panel"
- 12:00 Lunch
- 1:15 Session II — "The Golf Course Superintendent's Future" — David Meyer, Moderator  
"Outlook from the National Golf Foundation" Mr. Don Rossi, Executive Director  
"What's Happening in the Area" — Robert Williams  
"The Corporate Superintendent" — Dr. Paul Alexander  
"Operating a Number of Clubs" — Tim Miles  
"The General Manager Concept" — Harry Gray, Secretary/Treasurer Club Managers Association of America  
"What Route to Follow" — Dr. Kenneth Payne, MSU
- 6:30 Banquet — Guest Speaker Dr. Paul Alexander



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### M. A. G. C. S. MONTHLY MEETINGS 1974

- 15 October, 1974 — Host: Robert Siebert  
Naperville Country Club  
25 W. 570 Chicago Ave., Naperville, Ill.
- 2 November, 1974 — FALL DINNER DANCE  
Host: Dudley Smith  
Silver Lake Country Club  
147th St. & 82nd Ave., Orland Park, Ill.
- 7 November, 1974 — Annual Meeting will be held at River Forest Country Club.  
Ed Stewart, Superintendent, will be our host.
- 3 December, 1974 — Host: John Jackman  
Medinah Country Club (Fall Clinic)  
Medinah, Ill.

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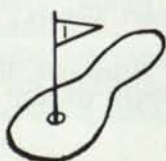
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### IN YOUR GARDEN Virtue In Lawn Variability

The new selections of Kentucky Bluegrass such as Merion, Fylking, Baron and many others are highly uniform. If a disease starts through a lawn of one of these selections, it quite often kills the entire lawn. These genetically restricted varieties make outstanding lawns, particularly where a high degree of maintenance is available. And, each variety is usually selected for a high degree of resistance to a particular disease. To re-establish variability and a wide range of disease resistance, turfgrass experts now advise mixing two or more selections. These blends have the excellent growth properties of the pure strains and a wide range of predictable disease resistance.

Sod is now available too, with several bluegrass varieties mixed, giving some assurance that a disease is not going to completely destroy the lawn.

The University of Illinois is carrying on research throughout the state on blends, seeking to find mixes that will respond well in different environments and climatic zones.



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## PRECIPITATION RATES OF SPRINKLERS Taken from "Grounds Maintenance"

The precipitation rate of sprinklers refers to the amount of water in actual depth placed on the ground. It is expressed in depth to the nearest hundredth of an inch in the same manner that rainfall is measured. The primary difference is that sprinkler precipitation is expressed in inches per hour of application while rainfall is usually given for a 24-hour period. Sprinkler precipitation can be measured with standard rain gauges. The figures are **averages** applied over the entire area of coverages.

The precipitation rate is normally used as a selection factor for choosing sprinklers which apply water at a desired rate, usually one which is compatible with the infiltration rate of soils to be watered. The coefficient of uniformity is used to determine the efficiency of the sprinkler and the spacing in distributing that precipitation uniformly over the irrigated area.

### A WINTER DISEASE OF KENTUCKY BLUEGRASS

This past winter we had an unusual long period of snow cover. This has led to the severe disease injury on some species of Kentucky bluegrass. While one might at first suspect snowmold as being the problem we have established the cause of the problem as due to **Helminthosporium**.

Common Kentucky bluegrass and other **Helminthosporium** susceptible varieties such as Park, Delta, Newport and Prato have been severely damaged. It is not known if the damage is due to a late fall infection by **Helminthosporium** which weakened the grass plants with the subsequent cold weather destroying the weakened turf; or if the fungus continued to grow and develop on the grass plants in the moist chamber provided by the snow cover much the same way snowmold does. Regardless of where or how it happened the disease has done considerable damage to **Helminthosporium** susceptible varieties of Kentucky bluegrass. The extent of the damage will not be known until the spring green-up occurs. This points out again the necessity of planting Kentucky bluegrass varieties which are resistant to **Helminthosporium** such as Merion, Fylking, Pennstar, and Nugget in Michigan where **Helminthosporium** disease are such a problem. If **Helminthosporium** susceptible varieties are grown, consideration should be given to applying one or more late fall sprays of a fungicide. Use fungicides such as Daconil 2787, Fore, Dyrene, or Acti-dione Thiram will prevent this disease problem from occurring in the future.

Article submitted by Dr. J. M. Vargas, Jr., of the Department of Botany and Plant Pathology, MSU.

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