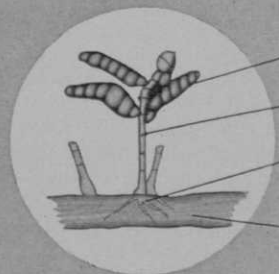
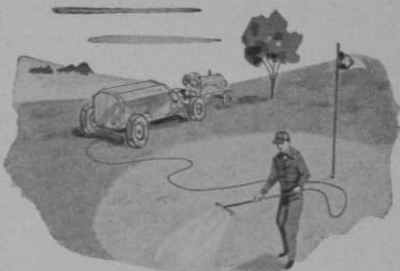


Poison on the green

## MELTING-OUT



Spore (seed-like reproductive body)  
Sporophore (supporting filament)  
Mycelium (fine filaments of the fungus)  
Dead or dying grass

## REFERENCE GUIDE

FOR THE PREVENTION  
AND TREATMENT OF  
MELTING-OUT

### DESCRIPTION

"Melting-out" may begin as a leaf or root infection or combination of the two. This results in a variation of early symptoms. The earliest symptom may be a smoky-blue cast on a relatively large, irregularly shaped turf area. Generally it occurs as a distinctive yellow on these irregularly shaped areas. This early symptom soon progresses to a brown color surrounded by yellow. Areas as large as 2,000 square feet may become involved and all turf may be killed.

### ENVIRONMENTAL CONDITIONS

Although "melting-out" may occur from May through October, it is generally the most serious during the warm humid months of June, July, and August. It is favored by abundant moisture and temperatures above 75° F. High nitrogen levels also appear to favor the disease. It has been observed that "melting-out" often occurs on elevated turf areas before progressing to lower areas. Suspicious areas should be checked for localized drying.

### CONTROL MEASURES

Acti-dione Ferrated is recommended for the control of "melting-out" when used at the rate of one package for each 15,000 square feet. Under severe conditions apply at the rate of one package to 10,000 square feet. The recommended dilution would be five gallons of spray solution to 1,000 square feet. In a preventative schedule, applications should be made at from 7 to 10-day intervals. Any means of reducing excessive air or soil moisture will materially aid in control of the disease.

# Acti-dione\*

FERRATED

Controls these major bent grass diseases

**Dollar Spot • Fading-out • Melting-out**

(*Curvularia* sp.) (*Helminthosporium* sp.)

**Upjohn**

The Upjohn Company • Chemical Sales Department • Kalamazoo, Michigan



Free  
Identification  
Service for  
Turf Diseases

The Upjohn Research Division will analyze plugs from a diseased area of turf to aid golf course superintendents in instituting the best turf management. For full information write Dr. William Klomparens, The Upjohn Company, Bldg. 36, Kalamazoo, Michigan.

\*Trademark, Reg. U.S. Pat. Off.—The Upjohn Brand of Cycloheximide

grass and makes satisfactory play impossible.

Grade to remove excess surface water quickly, using wide shallow channels to carry water off in several directions. Avoid carrying surplus water to the approach.

The second is sub-drainage. Water that enters the soil must either be used by the grass or it must escape by underground drainage. This means that the subsoil must be porous or that tile must be laid to carry excess soil water away.

The third is internal drainage. In order for water to percolate through the soil where roots can have both air and water, it is necessary to have large pores in the soil. This is a function of the physical condition of the soil which must be granular and porous or it may be opened mechanically from time to time to let water enter and percolate through.

The fourth is air drainage. Greens that are built in a pocket surrounded by dense brush or trees will have difficulty. Free movement of air across a turfgrass area will help to reduce disease attacks and will facilitate maintenance.

**Q—Should we install tile drains in our greens? Our subsoil is quite sandy. (Fla.)**

A—Save your money. A sandy porous subsoil is ideal for the base of a green. If your subsoil were impervious clay you would do well to install tile drains.

**Q—Is it all right to spread wood chips on our new fairways? In our clearing operations we use a wood chipper to grind everything that has no value as fire wood or lumber. Some say that the wood chips will make the soil so sour we can't grow grass. (Va.)**

A—Spread the chips and disc them in with plenty of lime and complete fertilizer. They will help to condition the soil and you will have better grass as a result.

The "souring of soils" refers to the sickly yellow stunted appearance of grass that tries to grow on soils that have not sufficient nitrogen to balance the excess of carbohydrates in the wood. One of the good materials to use in soil preparation in your case is cyanamid which supplies nitrogen and lime and destroys weed seeds at the same time. It hastens the decomposition of the woody material.

**Q—Where can we get a list of equipment that we can purchase on construction funds so that we are able to operate**

**properly before the course is opened for play? (Ks.)**

A—Such a list has been available from Golfdom and we understand that a revision is in the making. We consider it wise to completely outfit the course with good standard equipment on construction funds. In later years it is much easier to keep up-to-date by simple replacement.

**Q—We are planning construction of a fee course. We want to have good quality greens, but we also feel that we should use a grass that can take a lot of wear. Would Tiflawn bermuda be a good grass to use? (Ala.)**

A—If greens are properly maintained, Tiflawn will make an excellent, wear-resistant putting surface. It is a vigorous, drought-resistant, disease-resistant grass with a wonderful appearance when properly maintained. Because of its vigor and aggressiveness, greens will become "puffy" and matted unless growth is controlled by the right management. Frequent vertical mowing is needed to maintain a good putting surface with Tiflawn. Include adequate vertical mowing equipment on your construction funds list.

You may be wise to consider other types of improved bermudagrasses such as Tif-fine, Bayshore, Everglades.

**Q—Everyone says that a golf course should be designed for easy machine maintenance. Could you be more specific as to what that means? (Tenn.)**

A—Good drainage is an important factor in machine maintenance. Soil should be sufficiently well-drained that it will be ready to bear traffic of mowing and aerifying equipment in the spring.

Avoid steep slopes and abrupt changes in levels that are difficult or impossible to maintain with machines. Aprons and collars around greens should be wide enough to allow turning of machines outside the putting area. Traffic lanes for carts must be designed to avoid damage to critical playing surfaces. At every turn ask yourself, "Will this require hand labor?"

#### "GOLFER'S CREED"

Jack Level of Golf Book Service, 42-05 Layton St., Elmhurst, N. Y., has some highly attractive color reproductions of David A. Forgan's classic "Golfer's Creed," which are going fast as clubhouse decorations.

# NO MORE CRAB GRASS TO MAR YOUR GREENS



# di-met

NEW MIRACLE FORMULA SELECTIVELY  
**KILLS CRAB GRASS**

WITHOUT  
INJURY TO TURF



Call in your Greenkeeper and give him the biggest news since Sarazen's famous double eagle!

Here, at last, is the one product that will permanently rid your fairways and greens of unsightly crab grass. DI-MET kills small 2" plants in one application — and branched plants usually in two. So selectively does it work, that not a blade of the fine Bent Grass of your greens will suffer discoloration.

University scientists and turf men call DI-MET "the most promising crab grass control ever tested". Does the

job in 10 to 14 days. Low in toxicity. Current experiments indicate similar effectiveness on chickweed and goose grass (silver crab).

DI-MET, in concentrated liquid form, is available in quart and gallon cans as well as drums. Use DI-MET with hose siphoning device or sprayer. Gallon can covers up to 20,000 square feet.

It is urged that you place your DI-MET order Now. This year's demand will greatly exceed production. Write, wire or phone.

Distributors! Your inquiries invited.

**O. E. LINCK COMPANY, Inc.**

Valley Road, Junction of Routes S-3 & 46

Clifton, N. J.



New home of the Evans Scholars Foundation and Western Golf Association in Golf, Ill.

## Western GA-Evans Scholars Headquarters Dedicated

**M**ORE than 400 men and women prominent in American golf attended the dedication of new Western Golf Assn. and Evans Scholars Foundation headquarters at Golf, Ill., on May 20.

Brief dedication ceremonies, in perfect weather, marked an historic stage in the tremendous progress of the idea that Chick Evans had when he turned over income from golf instruction records to establishment of caddy scholarships. Chick would not take money because of the amateur status angle involved and

would have backed away from the deal until he had the caddy scholarship hunch, which received official benediction.

The Evans idea has grown to be the biggest truly amateur educational help in sports and now presents a program of caddy inspiration and help which includes scholarships honoring many of Chick's golfing comrades, with a nationwide program following and being quite closely coordinated with the WGA pattern.

For some years the Evans scholarship operation was pretty much a routine matter but began to get vigorous and expert financial guidance and support when the late Ted Butz took hold. Then along came Maynard G. (Scotty) Fessenden, who is with Butz in the Green Pastures, and the dynamic Fessenden started extended fund-raising for the Evans scholarships with the bag tag deal. Fessenden is memorialized in one of the executive rooms in the new headquarters, a handsome office furnished by Scotty's pals in the WGA and the Bob O'Link GC, which he also headed.

### Modest Team of Working "Brass"

Jerry Bowes gave the fund raising the benefit of his successful experience and connections in big business to accelerate the program which was continued by Gordie Kummer, Stan McGiveran and the present WGA president, Jim O'Keefe.



The old carriage that once hauled golfers from the Golf station to the Glenview Club is taken out of the barn to transport Chick Evans (L) and Ned Allis, and behind them, Jock Hutchison (L) and Jim Standish.

It's possibly unjust, but not dangerous, to omit the name of any WGA official in even outlining the story of the Evans scholarship advance after Butz and Fessenden opened the throttle. But this is a deal in which none of the brass is hungry to take bows. It's a job done with intense and genuine sincerity for the kids.

The man who drew all the loose ends together, then put on the bites that resulted in the WGA and the Evans Scholars Foundation moving into their beautiful, utilitarian (and incidentally expense-saving) quarters is Carleton Blunt, chairman of the trustees of the Evans Scholars Foundation. Blunt conducted the building and furnishing program so not a nickel comes—or will come—out of the scholarship funds for building construction or operation.

With a sweet sigh of relief at the successful completion of the job of paying for a \$100,000 building before the doors officially opened, Blunt and his charming wife put on a cocktail party and a dinner dance at the Glenview Club to bring the two days of formalities and golf to a merry finale.

The building will not only serve as headquarters for the nation's biggest caddie-scholarship program which this year is sending 204 caddies to college, but includes the offices of the Village of Golf. Of Georgian design, the building has 3,500 sq. ft. of office space, plus ample grounds and basement space.

The history of the Village of Golf was re-lived prior to the dedication ceremonies when the Olympian-Hiawatha streamliner made an unscheduled stop at the Golf station to unload WGA officials and guests.

It was during the early 1900's that the



WGA Pres. James L. O'Keefe presents Evans Scholars Foundation chairman of trustees, Carleton Blunt, a plaque on which is inscribed tribute to Blunt's work in producing the new headquarters building.

crack train of that day would make a special stop at the same station to allow the Milwaukee Road's president, H. E. Byram, to get to or from his golf at the nearby Glen View Golf & Polo Club.

In arranging for his stop, Byram would tell his secretary "I am going to golf today." Thus, engineers, dispatchers, conductors and other employees of the railroad came to know the stop as "Golf," and the name was retained by the village when it was incorporated in 1925.

#### Passengers in the Surrey

Another back-track on history was provided for the dedication when four of the nation's leading golf greats—Charles "Chick" Evans, Jr., Jock Hutchinson, E. P. "Ned" Allis and James D. Standish,



Harold Moore opens ceremonies dedicating new Western Golf Assn. and Evans Scholars Foundation headquarters. A section of the building is in the background.

Jr.—climbed into a horse-drawn carriage for the short trip to the WGA headquarters, even as old-time golfers used the same means of transportation to reach the Glen View Club.

The foursome, which was met at the train by presidents of the four Evans Scholars chapter houses, represented such golfing distinctions as the first golfer to ever win the USGA Open and Amateur titles in the same year, Evans in 1916; the first American to win the British Open title, Hutchinson in 1921; the 10-times State Champion of Wisconsin, Allis, and a four-time Michigan State Champion and a former president of the USGA, Standish.

Harold A. Moore, WGA vice president and chairman of the dedication committee, presided over the ceremonies which officially dedicated the building. Speakers included Harold Fink, the first caddie to receive a scholarship when the program was introduced in 1930; Roland Zagnoli, University of Michigan senior; James L. O'Keefe, president of WGA, and Carleton Blunt.

In addition, J. Edward King, vp of National Golf Fund, Inc., and of Time-Life

Magazines, presented a donation in the amount of \$13,140 to the Evans Scholars Foundation as the National Golf Fund contribution for 1954.

Contributions to the building fund were received from 170 supporters, whose names were placed on the Evans Scholars Honor Roll and displayed in the foyer of the new building. The basic contribution was received from the Theodore C. Butz Foundation in memory of the former WGA president and Evans Scholars Foundation trustee.

The new building includes spacious quarters for the WGA office staff; a large directors' room where hang the oil portraits of Charles Evans, Jr., Theodore C. Butz, Carleton Blunt; two executive offices; a large filing and mailing room; a kitchenette; the office of the Village of Golf, and a large octagonal, marble foyer, with built-in trophy cases in four walls.

Equipment for the building was donated by various groups, including that for the workroom by the Chicago District Women's Golf Assn.; for the kitchenette by the Illinois Women's Golf Association, and for one of the executive offices by Fessenden's friends.

*Progress*

*Presents...*

**PAR  
AIDE**

**GOLF BALL  
WASHER**

Featuring cast aluminum construction, vinyl-coated, inside and out. Rubber-backed nylon bristle brush encased in vinyl coated steel. Designed for easy cleaning and disassembly. Completely closed when not in use. Easily installed by insertion in 2 inch pipe, locked in position by tamper-proof set screws. 2 Year warranty on brush life.

**PROGRESS PATTERN & FOUNDRY CO.**

ALUMINUM • BRASS • BRONZE CASTINGS  
SAINT PAUL, MINNESOTA • PHONE NE. 2875





**We'll demonstrate  
Worthington equipment,  
any time, anywhere, for anyone!**

**N**OW, FOR THE FIRST TIME, you can have a "full-dress parade" and demonstration of the *right* equipment for your mowing problem. Backed by more than 30 years of experience, Worthington (and their entire dealer organization) is ready and willing to prove to you "how" and "why" Worthington mows more, mows better and mows *more efficiently!* Before you consider any new equipment, consider this offer - "Worthington would like to have you try *before* you buy"—then, and only then—will you know why Worthington equipment has always been preferred when quality performance is important.

*Write for your demonstration, today!*

**WORTHINGTON MOWER COMPANY** STROUDSBURG, PENNSYLVANIA



### DUNES, MYRTLE BEACH, S. C., HOST TO GOLF WRITERS

Ed Campbell of the Charleston (S. C.) News and Courier, with an 80 was low gross winner and Dave Eisenberg of the New York Journal-American, with 103-25-78, took the net trophy at the Second Annual National Golf Writers' tournament put on by the Dunes Golf and Beach Club at its great course at Myrtle Beach, S. C.

The tournament, played the Monday before the Masters, drew a field of 20 who, fortunately for their economic status, can write golf better than they can play it.

Dunes officials and members lavished southern hospitality on the scribes. The tournament was preceded by a cocktail party at the delightful home of Charles Krampf, Dunes President, and the guests were bedded down luxuriously by "Pal Joey" Ivey, owner-mgr. of the swank Patrician hotel.

Dunes pro, Jimmy D'Angelo, in two years has made this tournament a bright fixture at which golf writers from many cities have their only opportunity to play golf together.

Monday evening, following the tournament, the Dunes members put on a prize dinner for the writers. A hilarious mock trial was held at which prizes were presented. C. A. Spivey performed competently as toastmaster.

Lawrence Robinson of the New York World-Telegram Sun spoke in graceful tribute to the memory of Bob Harlow, first winner of the Writers' championship trophy. Herb Graffis of Golfdom carried the assignment of expressing the free-loaders' thanks to their hosts.

Paul Hahn made a special trip to the Dunes to put on his new trick shot show for the writers. The reporters pronounced Hahn's new act the most interesting and exciting of Hahn's frequently freshened routines.

The line-up at Dunes Writers' tournament award ceremony (L to R): Dave Eisenberg, NY Journal-American; Ed Campbell, Charleston (S.C.) News & Courier; Tim Holland, guest gross winner; C. A. Spivey, members' low net winner; I. N. Clark, members' low gross winner; Gene McCaskill, district attorney.

### Charles Curtis, LA Times, Heads Golf Writers

**C**HARLES Curtis, Los Angeles Times, was elected president of the Golf Writers' Assn. of America at the writers' annual meeting, held during the Masters'.

Des Sullivan, Newark (N. J.) News was elected 1st vp, and John Walter, Detroit News was elected 2d vp. Charles Bartlett of the Chicago Tribune, was re-elected sec.-treas. The diligent and faithful Bartlett has been the only occupant of this post since the golf writers' association was revived at the PGA championship in Portland, Ore., in 1946. He enjoys

the highest respect and trust of his associates, having been true to the oath of office by never having bought a drink for himself or anybody else with the organization's funds, and has energetically and consistently handled lesser but important responsibilities such as press arrangements at tournaments.

Lincoln Werden, New York Times, retiring president of the GWA was made honorary president and director ex-officio.

The writers' organization presented to Tom O'Neil, Golf World editor, a plaque to be given to Mrs. Lillian Harlow, Golf World publisher, expressing the bright memories her husband, the beloved Bob, bequeathed his fellow reporters.



# Harry Shepard Is Busiest Pro In Public Service

**W**HEN you're around west central New York you are going to hear about Harry C. Shepard whenever men and women talk about those who work for their fellow men.

Shepard is a man of infinite energy and helpfulness and when any of us in golf thinks that one job makes such demands on a professional's time other activities must be curtailed, we certainly aren't thinking about Harry. He is perpetual motion.

Shepard started in pro golf under Tom Bonnar at the Elmira (N. Y.) CC and served there 16 years. In 1939 Shepard went as pro and mgr. to the Mark Twain Community Course, Elmira's municipal course. He's been there ever since. When he went there the course was opening as a 9-hole establishment. In two years Harry had built golf interest to the point where it was necessary to enlarge the course to 18 holes.

## Honored by Fellow Pros

In addition to the municipal course play there was a club at the course; a club that Shepard got going with 225 members and which now has more than 500 on the roster.

For his fellow pros Shepard is always ready, willing and able to tee-up and



Professional Harry Shepard in his role as campaign fund chairman for the March of Dimes, one of many civil services he performs.



Harry Shepard

work. He was president of the Central New York PGA section in 1946 and 1947, the section's sec.-treas. in 1954 and this year, and its delegate to the national PGA 1946 and 1948 meetings.

Harry helped organize industrial golf in Elmira factories, started a golf league of service clubs, got golf instruction and competition introduced into three of the city's high schools and promoted all its municipal championship tournaments.

Not confining his promotion of tournaments to the public course field he worked with his professional colleagues in getting inter-club matches as lively events on the Elmira golf calendar.

He saw an opportunity, ten years ago, to extend golf and be of help to the students and faculty of the Elmira College, a woman's school. So he was given the assignment of introducing golf as part of the school's physical education program and now, in addition to his other duties, is on the college faculty as golf instructor, conducting regular classes during the spring and fall semesters.

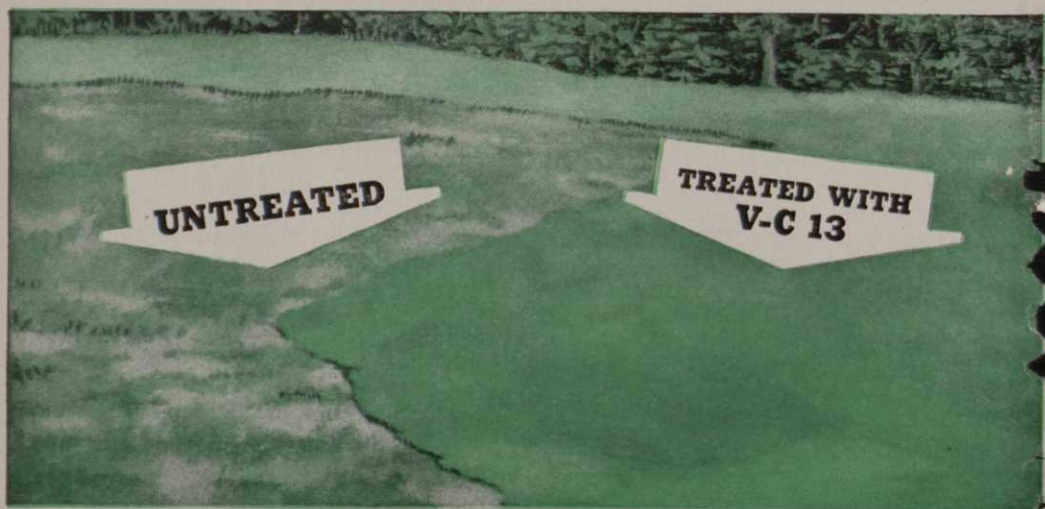
In the winter the classes are held in the college gymnasium, and in the spring the golf teaching is done on the Mark Twain municipal course.

Think that's enough work for a pro?

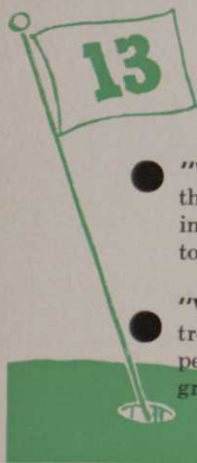
Well, Harry also introduced the class instruction into the local YWCA program and it's very popular.

Something else Shepard has done in extending the value of the Twain course as a public utility was to get a golf league of Westinghouse employees established

# Save Your Grass from Nematodes with New



**New, economical way to destroy nematodes** is to spray V-C 13 on the turf and water it in. As nematodes are killed, grass begins to recover and usually revives within two months to make a thick, green turf. What's more, V-C 13 persists in the soil for lasting effect.



## Here's what users say about **AMAZING NEW V-C 13 NEMACIDE!**

- "We are very much pleased with the results of V-C 13 on soil heavily infested with nematodes. We plan to apply it on all our greens."
- "V-C 13 is well adapted to control nematodes on golf greens, especially since it can be used on growing grass."
- "Results with V-C 13 show marked contrast to untreated grass."
- "V-C 13 treatment produced healthier, stronger, greener grass."
- "We are pleased and surprised by the results of the V-C 13 treatment for nematodes. We need about 25 to 50 gallons more."