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PEORIA ILLINOIS



MODEL 60L ILLUSTRATED

## WATER STILL NEWS

Continued from page 80

sprinkler head design. A sprinkler, he said, is self-sufficient up to about 50% of its diameter of throw. Beyond that, it relies on overlapping coverage from adjoining sprinklers. He pointed out that the best type of sprinkler gave constant, even coverage up to 50% of the radius of its watering circle. Such a sprinkler could be spaced further apart than sprinklers whose efficient water coverage fell off rapidly as you went out from the sprinkler head.

The last session of the day was another panel discussion entitled "Engineering and Installation." Dr. Marvin H. Ferguson, Mid-Continent Director, USGA Green Section, was Moderator, with panel-members Austin Miller, Sprinkler Irrigation Association, Director, Royal Oak, Mich., Graham Daniel, Sprinkler Irrigation Association, Director, Athens, Ga., and James B. Moncrief, Agronomist, USGA Green Section.

It was the opinion of the panel that most of the trouble that comes from irrigation systems stems from overwater-

ing. They also suggested that a high capacity system is desirable, with from 800 to 1,000 gallons per minute being available.

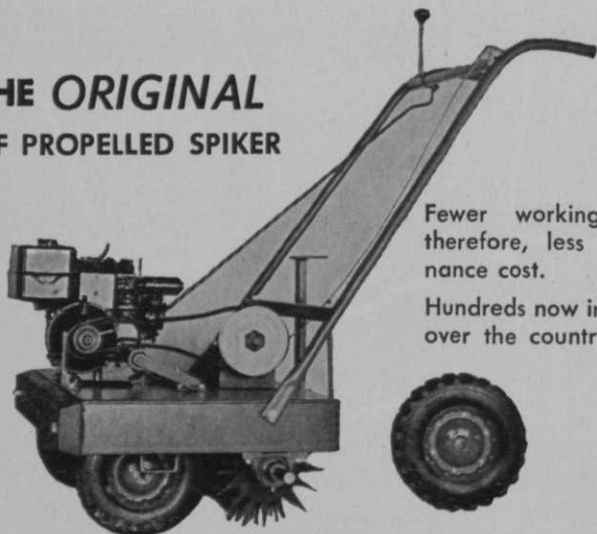
It takes three "must" groups to get a good design for a particular course: The greens chairman, the man who knows the economy of the club; the greens superintendent, the man who knows the course intimately, and what its watering needs are, and the engineer, the man who knows the performance of the system. Together, they can build a winner. Neglect any one of them—and rue the consequences.

Dr. Ferguson raised the question: If the designer, installer, and buyer of the components is one and the same man, how do you protect the club's interests?

After some discussion, the panel concurred in the opinion that in this area there could well develop a great role for the independent designer. He would then be in an analogous position to that of a golf course architect, who is charged with the responsibility of overseeing the work and seeing that it is done properly.

On this note the conference ended.

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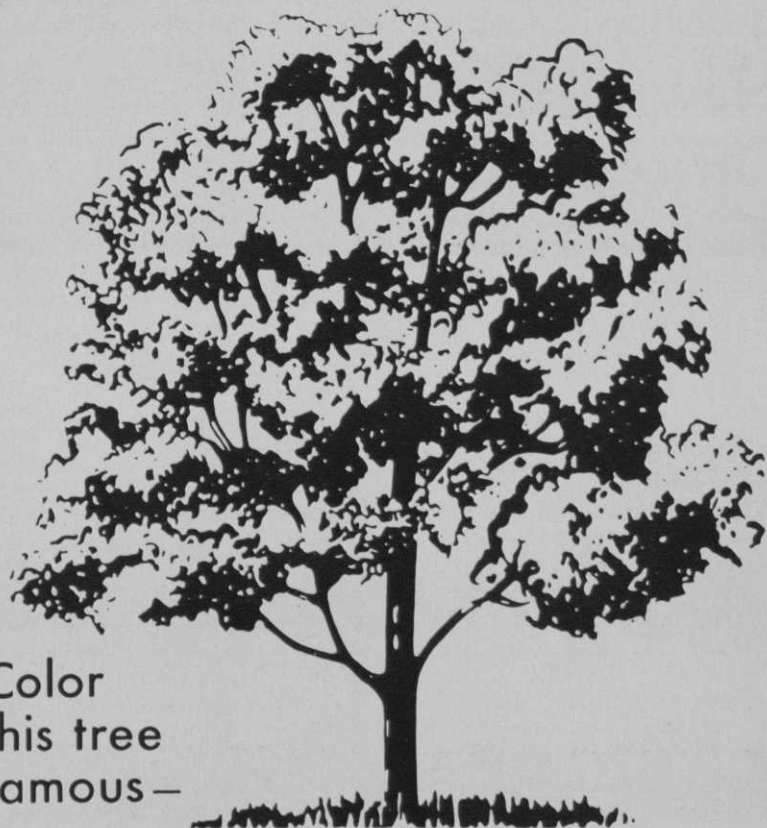
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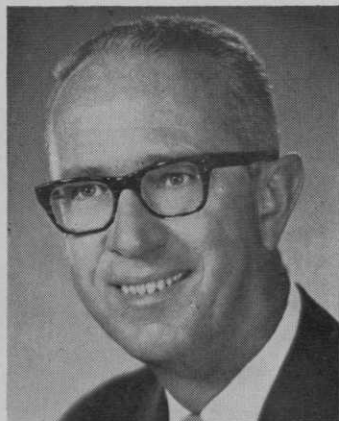
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# New CMAA Officers elected

*Outstanding seminars at  
managers' annual conference  
gave much food for thought.*



*C.M.A.A.'s new president,  
William J. Hodges*

William J. Hodges, Manager of the Paradise Valley Country Club, Scottsdale, Arizona, was elected president of the Club Managers Association during the organization's annual Conference, February 8-13, at the Statler-Hilton Hotel, Detroit, Michigan. He succeeds Charles Smith, Manager of the Chevy Chase Club in Chevy Chase, Maryland. Also elected were Horace G. Duncan, General Manager of the Cherry Hills Country Club, Englewood, Colorado, as vice president and Joseph J. Donoghue, General Manager of the Losantiville Country Club, Cincinnati, Ohio, as secretary.

Newly elected directors for CMAA are Joseph Ed Fleck, Hillcrest Country Club, Kansas City, Missouri; Charles F. Hathaway, Los Angeles Athletic Club, Los Angeles, California; Lloyd C. Weber, Mayfield Country Club, Cleveland, Ohio; E. Guenter Skole, Cosmos Club, Washington, D. C.

Remaining on the Board are Charles E. Haynes, Detroit Golf Club, Detroit, Michigan; H. Alton Owen, Jr., Harbor View Club, New York; Willard Steger, River Oaks Country Club, Houston, Texas; William A. Tucker, Lauderdale Yacht Club, Fort Lauderdale, Florida; Tony Wayne, Riverside Golf Club, Riverside, Illinois; Charles E. Smith, Chevy Chase Club, Chevy Chase, Maryland.

Over 1100 managers and wives attended the Conference—the annual high point in the association's educational program. The success of the meeting is a

tribute to the distinguished speakers and educators who participated.

Governor George Romney addressed the entire group at the opening luncheon, pointing out that self-help trade and professional associations are basic to the American way of life. Tax problems were thoroughly aired in a two-hour Tax Clinic, moderated by Walter Slowinski, CMAA's legal counsel and partner of Baker, McKenzie and Hightower.

CMAA's annual Idea Fair was a conference highlight. Also on the agenda was a "Knickelodeon Kollege of Kanned Knowledge"—this was a presentation of films on food preparation and service produced by CMAA members.

Exceptional speakers made the 1966 seminars outstanding educational adventures. Helen Corbitt, past winner of both the Golden Plate and Food Service "Trend-Maker" award, gave a slide presentation on "Buffet Items to Delight Your Members." Robert Findley presented a seafood spectacular of lenten menu items. "Labor Negotiations—Present and Future" was discussed by Franklin Kenney who is one of the nation's leading labor relations lawyers. Dr. Lendal Kotschevar told CMAA members how to "Update Your Food Buying Procedures."

The most beautiful presentation was given by Frances Jones Poetker. Her "Minor Miracles With Flowers" seminar gave insight on how to use the magic of flowers to enhance club rooms and merchandising efforts. Dr. Russell Jenkins

*Continued on page 161*

you couldn't  
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if you  
tried...



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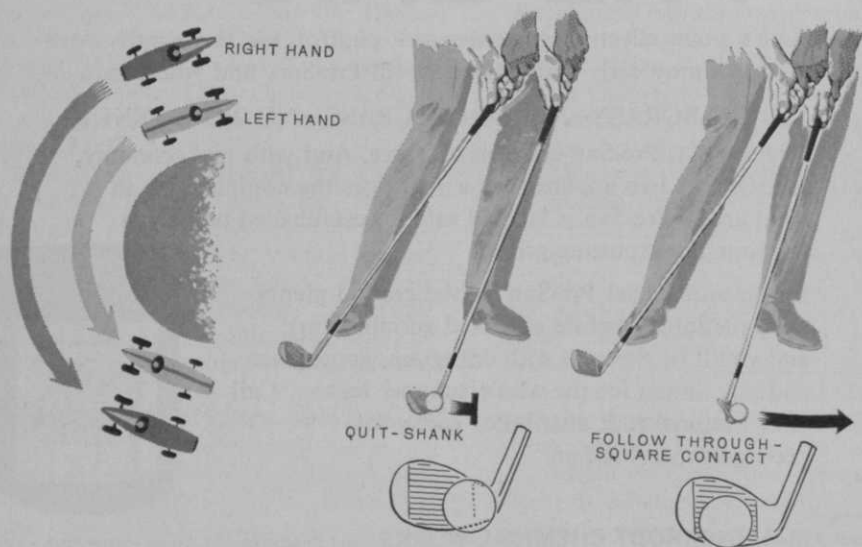
For more information circle number 248 on card

## Curing the "over-cautious" shank



The most common reasons for the shank are usually said to be lack of balance, swinging too much from the inside, etc. However, I often find the player is just being too cautious. Weekend golfers don't practice much, and tend to lack faith in their abilities. They can get into the habit of stabbing at the ball, and don't "go after" the shot as they should. In the "over-cautious" shank, the right hand doesn't accelerate in the hitting area and at impact, the left hand is still ahead. The heel of the club leads into the ball and the hit is on the hosel. I tell the pupil to imagine two racing cars going round a corner. Obviously, the racer on the outside has to go faster than the man on the inside—

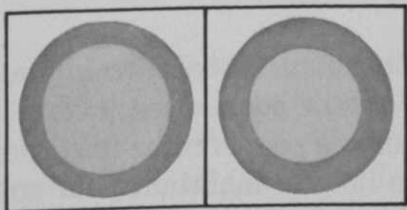
just to maintain the same relative position. Also, if he merely travels at the same speed as the inside man, he will have fallen behind when they come out of the corner. This is why the right hand, which is on the outside track, must accelerate in the hitting area so that it reaches the ball at the same time as the left, thus ensuring square contact. The best way I've found to make the pupil speed up his right hand is to tell him to think of making a *full, free follow-through*, relative to the length of the shot: Full shot, full followthrough; three-quarter shot, three-quarter followthrough, and so on with half- and quarter-shots. The "over-cautious" shank can then be cured in short order.



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**NEW BURKE-WORTHINGTON HIGH COMPRESSION RANGE BALL.** A smaller solid center permits many extra yards of high compression windings.

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# LOOK SETTING UP TO HELP MAINTAIN GOLF CARS

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# Why not bentgrass blends?

*Including fine fescue and bluegrass in seedings can contribute seasonally to the turf's beauty, and is economical.*

By DR. ROBERT W. SCHERY  
Director, The Lawn Institute

There is no more economical way to establish turf than from seed. There is no more luxurious a turf than select bentgrass. There is no more skilled management for taking care of bentgrass than the golf course superintendent, especially in this era of the irrigated fairway. So why not put greater emphasis on seeding fairways with economical mixtures built around Highland colonial bentgrass (*Agrostis tenuis*)? This would seem to make sense for courses from Tennessee northward.

As recently as World War II almost every lawn seed mixture was com-

pounded not only of top-flight Kentucky bluegrasses and fine fescues, but also a small percentage of bentgrass "to provide body." Often unpedigreed bents, containing variants ranging from velvet bent to redtop, were included. Where humidity was favorable, such as near the Great Lakes, some biotypes naturalized, and have since gotten out of hand. Some researchers, of recent vintage, viewing lawn seed mixtures by today's more critical standards, have concluded that it is usually best to plant bentgrass alone (and manage it for bentgrass), or Kentucky bluegrass-fine fescue alone (with-



*Highland bentgrass in mixture with fescues has been used on fairways at Battle Creek golf course, Salem, Oregon.*