

## "Athlete's Foot" Is Serious Locker-Room Problem

**A**THLETE'S foot is a popular name for a ringworm of the foot, from which more than ten million persons in the United States are now suffering, according to an estimate made by Dr. Charles F. Pabst, chief dermatologist of the Greenpoint Hospital, Brooklyn, N. Y. Three-quarters of these sufferers, Dr. Pabst thinks, do not know what ails them, for the great prevalence of the malady is very recent. "It begins, as a rule, between the toes, where it is often overlooked, and spreads gradually along the sole and sides of the foot. The skin becomes pink or red in color and the affected part is frequently covered with a white scale or crust. The scales may be dry or moist, and when peeled off, leave an inflamed area.

"This condition extends very slowly, accompanied with slight itching, and for this reason it may exist for weeks or months without attracting the attention of the victim. Sometimes the nails are affected, and they become brittle and yellow. In advanced stages, I have seen the nails greatly thickened and almost black.

"This ailment is caused by a parasite which is a vegetable fungus called *Tinea trichophyton*. This fungus is very common and is found on the floors of gymnasiums, swimming pools, and bathing establishments. When the feet are warm and moist the fungus takes easy hold and grows rapidly. I believe many cases are contracted by walking barefoot on the floor in public places. One patient can easily transmit it to other members of his family, and to the members of his golf club or gymnasium. The well-to-do are affected in larger numbers than the poorer classes, and the disease is very prevalent from the Atlantic to the Pacific, and from the Canadian border to the Rio Grande.

"I have seen far advanced cases in the West Indies and South America, and the malady is said to have originated in India. It undoubtedly gained a hold there because of the custom of going barefoot and the unhygienic conditions among the congested masses. The great prevalence of this condition in America, and the rapid increase in recent years, are warnings that should be heeded if we wish to stamp out this malady. All those who have ringworm of the feet or nails should receive appropriate treatment, and should keep

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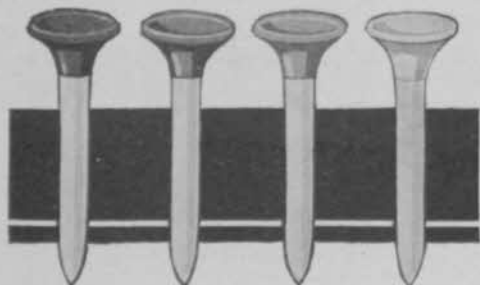
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away from golf clubs, gymnasiums, and swimming pools unless they keep their feet covered and take care not to transmit the disease by way of towels or other articles. Dogs and cats often carry this parasite on their feet and body, and should not be allowed in bathing establishments or other places where there is a possibility of conveying the fungus to man.

"The disease can be cured by the application of a mild anti-parasitic ointment, although some cases require long treatment, and the malady must be completely eradicated or else the condition starts anew from any uncured part. A careful inspection will reveal this ailment to thousands who are unaware of its presence, and proper treatment now will prevent its transmission to thousands of others during the summer bathing and golfing season."

Dr. C. C. Pierce, acting Surgeon-General of the United States Public Health Service, who recently discussed this matter with Dr. Pabst, agrees that at least one-half of the adult population suffer from this malady at some time. Almost every one who uses a swimming pool, golf club, athletic club, or any place where there is a common dressing room, has the infection



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upon his feet. The disease is caused by a vegetable parasite which flourishes on the floors of public places, and on bath mats and other such articles. A health news article by the U. S. Public Health Service has been issued on "Ringworm of the Hands and Feet."

## Earl Lee Heads Chicago Club Managers

ANNUAL election of officers of the Chicago District Club Managers' association named E. G. Lee of Lake Shore C. C. as president; B. E. O'Grady of the Hamilton club, vice president; Frank H. Murray of Ravisloe C. C., sec-treas., and as new directors, C. G. Holden of Olympia Fields and T. M. Esser of Casino club.

SPRING is the time to remove stones from the fairway before the grass starts to grow. No matter how free of stones the fairways were in the fall, you can always find more in the spring. This is caused by the frost raising them up to the surface. One of the first things to do on a golf course in the spring is to clean up all the stones, sticks, and other refuse.

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# HERE IS MINIMUM IN greens equipment FOR NINE-HOLE COURSE WORK

Probably a thousand of the smaller golf clubs in the country are trying to get by with a hopelessly inadequate stock of maintenance equipment because they have the wrong idea that the necessary equipment for the maintenance of a nine-hole golf course costs far more than they can afford. This is the conclusion arrived at by a well-known golf course supply man who has made a study of the small town golf situation for some years.

With the constantly increasing stream of interurban travel and the persistently mounting standards of golf course maintenance in the metropolitan districts, the smaller communities have been subjected to influences that are showing in the better maintenance of their courses. Many a visitor to nine-hole courses lying somewhere "out in the sticks" is favorably impressed with the manner in which some of these courses are kept. Much is to be said for the greenkeepers at a number of these courses who manage to do creditable work with a sadly deficient amount and character of equipment, but they are fighting losing battles until their clubs realize that skill and diligence are more than offset by lack of working tools.

## Essential Equipment

New clubs in the smaller towns always are confronted with a financial problem. The one solution is enough interested and enthusiastic players to support the infant enterprise. If the course is reasonably well maintained, travel over the early rough going is made speedy. As the most rigidly restricted list of equipment necessary to operate the maintenance department of a nine-hole course, the supply man suggests the following:

- 1 agricultural harrow
- 1 agricultural mowing machine
- 1 three gang mower with tractor hitch
- 1 tractor
- 2 greens mowers
- 1 tee mower
- 1 ordinary lawn mower
- 2 wheelbarrows
- 1 sod cutter
- 1 hole cutter
- 9 hole rims

- 9 tee markers
- 9 flag-poles
- 9 flags
- 1 steel mat
- 2 ball washers
- 9 settees
- 9 sprinklers
- 1 dump cart
- 1,000 feet hose
- Necessary rakes and shovels

This list is cutting the corners close, but it means the difference between a cow pasture and a golf course in many cases. Counting the tractor in for around \$700, the total cost of the above equipment would be in the neighborhood of \$2,000.

A vital detail of the picture that is not shown in the above list is an equipment barn. If the above equipment is treated with ordinary care, its cost per year is well within the buying power of the most modest of the courses in the hinterland, and it will pay magnificent returns in increased enjoyment of the course. But, if this equipment is left scattered around and exposed to the elements as is much farm equipment, then the buyers are throwing away a good part of their money, represented in bigger depreciation charges. In the smaller towns an equipment barn can be built new for \$300 to \$400, but usually there is a building on the property occupied by the golf course that can be turned into a very satisfactory equipment storage place for a very small sum.

GOLFDOM suggests that officials among the smaller nine-hole clubs check their stock of equipment with the list given above, and see what they really need to be properly prepared for course maintenance. Recall that the list given here is the minimum array; it will enable the greenkeeping end of the small establishment to get by.

**S**TUDY of night mowing may point out the way to saving in maintenance. One expert tells us that a time study of day mowing on any course will reveal an amazing amount of time wasted by the necessity of stopping and standing by while shots are being played.

MORTIE DUTRA  
Professional  
Tacoma Country & Golf Club  
Tacoma, Wash.



JOHNNY JONES  
Professional  
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Seattle, Wash.



# *Pros who make their golf shops pay*

## Assets to the members

**H**ERE are two west coast pros, Mortie Dutra and Johnny Jones, who make their handling of the pro job a real asset to their members—a part of the value the member receives in belonging to their clubs.

Naturally, merchandising has a prominent place in their operations. It follows logically that these fellows feature the Hagen line profitably.

How, and why, you'll learn on the next three pages.

*Walter Hagen*

View of the Hagen display in Johnny Jones' shop at the Glendale G. & C. C.



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**A** PRO has a delicate problem in merchandising. He can't use any high-pressure "push" in increasing his sale. The merchandise itself, and its display, must exert a powerful money-magnetism.

That's why the Hagen Ultra line of golf equipment has jumped into a commanding position in pro shop volume. Everything in the line is made bright and right. The goods and its packages will put pep into a pro shop that's been dead longer than Adam. The psychological effect of a brisk, bright showing of the sparkling Hagen Ultra line is valuable in any shop.

What pro can look at Hagen Ultra merchandise, without

**Business is fine w**

View of Mortie Dutra's shop at the Tacoma C. & G. C., showing his feature display of the Hagen line.



saying to himself, "here's the real stuff"? That sensation is even keener with the pro's members for the lively, distinctive appearance of the Hagen Ultra merchandise catches the buyers' eyes right away. They are attracted at first sight. They know that they can trust the looks for their pro protects them by checking on the quality before he puts in a stock.

The Hagen Ultra line was the first to step right into the new picture of pro selling; dressing up the shop so it invites examination of the merchandise and urges buying. Visit the best looking, most prosperous pro shops in the United States and note how the Hagen Ultra line gets the most prominent display space with these knowing pro merchants.

Then put the same sort of a paying punch into your own shop by dressing it up with the Hagen line. Hagen goods play well and pay well.

**A**LWAYS in buying golf merchandise it is my policy to look for the very best, because it is my members who must be satisfied. I can frankly say that the Hagen line has produced the very necessary satisfaction.

The workmanship and material of the Hagen line are of the highest grade and with the proper display, which is so important, have steadily increased my sales to a very profitable degree.

The Hagen Ultra line plus clever salesmanship and attractive display proves highly successful financially to the pro.

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Professional  
Tacoma Country and Golf Club  
Tacoma, Wash.

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You're not in danger of being overloaded with Hagen Ultra goods. Our men don't work that way. But they do want you to have enough to launch your season with enough Hagen merchandise to fully capitalize the business-building elements of this line.

The Hagen men are trained specialists in pro shop merchandising and display methods. Talk over your selling situation with them and the chances are they will give you a lot of worth-while help.

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# VITAL FEATURES OF LAYOUT OF watering system SHOULD BE STUDIED AT START

By H. L. BOYER\*

IF WE are going to have a course fit to play on, and on which each of us will benefit by the advantages of good turf—both on greens and fairways—there is one prime essential which should be available in abundance at all times—water.

In the writer's experience, one fact in connection with golf course watering stands out rather prominently, i. e., too little attention has been paid to the details of equipment necessary to supply water to the several places on the course, and the best evidences of this are the numerous golf courses in the country inadequately watered. There might be some excuse for scorched fairways but none at all for that condition on the greens, par-

ticularly when it could have been avoided when originally installing the watering equipment.

This article then, will attempt to explain in some detail the several points mainly to be considered.

First—It is essential to have a sketch of the course showing the position and size of the greens; the vertical elevation from where the pump will be placed to the highest spot on the course where water will be required; the horizontal distance between the pump and the nearest green; the distances between greens, and the length and width of fairways if these are to be watered.

Second—The next point is the source of supply, whether lake, stream, spring,

\*Gould Pumps, Inc.

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shallow or deep well. The source of supply determines largely the type of pump which can be used. Obviously, it is important that the supply of water should be adequate for the service required, which depends on whether the water system for the course will be expected to take care of service in the clubhouse, such as showers, toilets, etc., and also for drinking and cooking.

**Third—Type and size of pump**—As has been noted under the second point above, the type of pump to be used is determined by the source of supply. If the lowest water level of the supply is not more than 25 feet below the point where the pump will be placed, a shallow well or suction power force pump may be used. If, however, the source of supply is a deep well, a power deep-well pumping head, situated directly over the well will be required, with a cylinder of sufficient size for the requirements, placed in the well at a suitable depth to get the water, and connected to the power deep-well head by means of drop pipe and sucker rod. The majority of cases, however, will require a shallow well or suction power force pump.

### Size Factors

The size of pump required is based on two factors—the capacity needed in gallons per minute, and the maximum pounds pressure against which the pump must operate. The amount of water necessary per minute for each green depends on the size of the green, the character of the soil and consideration of the average rainfall in that particular section. An average of five to eight gallons per minute for each green is fair for many sections of the country, and it is only necessary to multiply this gallonage by the number of greens to be watered at one time to find the capacity of the pump required. Some courses water three, four, or five greens at a time; other courses water all greens at one time; a correspondingly larger pump is required for this latter service.

The maximum pounds pressure against which the pump must operate is based on three factors; the pressure desired at the highest green on the course (usually 20 to 30 pounds); the vertical elevation in feet from where the pump will be placed to the highest required point on the course; and the friction loss in the pipe lines. Obviously the pipe lines near the pump are much larger than those at the extreme distances from the pump. This is necessary to reduce the friction loss.