

One difficulty that confronts local golf courses in connection with drilling a well for irrigation purposes is that there is always some doubt as to what kind of water will be struck, and for this reason many clubs still buy their water from municipalities, fearing they know not what underground. That these fears are not without foundation is indicated by the experience of a number of courses which have drilled and found to their dismay that the resulting water supply was not conducive to the growth of grass. This may be understood when one realizes the volcanic condition of the state. In some parts of California sulphur water, iron water, and lithia water may be obtained within a mile of each other. Several deep wells on the coast produce nothing but salt water. At one club the water contains a minute portion of oil with the result that the soil is covered with a barely perceptible film which makes it extremely difficult for water to penetrate to the plant roots.

Time to Water Is Problem.

But whatever kind of water, sprinkling system, or soil is present on a southern California course the period during the year in which turf must be watered depends upon the grass itself. Bermuda grass needs only to be watered during six months of the year, from May until October; any other time would be a waste of effort. Bluegrass needs water for nearly ten months in the year, while bents need even more.

A schedule of irrigation for dry weather which approaches very close to a standard in this area is as follows: greens, every day; tees, twice a week; Bermuda fairways, once a week; bent fairways, at least four times a week; and other grass fairways, two or three times a week depending upon the heat.

Before closing, one word should be said in favor of the old time, hit-or-miss method of watering with a complicated hose system. It developed initiative and ability on the part of members of the night irrigation gangs to effect repairs under any and all conditions assisted only by a piece of wire.

ACCORDING to present plans the 1933 convention of the National Association of Greenkeepers will be held in Chicago and the 1934 convention in Toronto. The 1932 meeting is to be held in New York City.

P. G. A.-Jones Instruction Pictures Are Showing

ARRANGEMENTS made with Bob Jones now permit the showing of the P. G. A.-Jones slow motion pictures at the sectional meetings of the P. G. A. The pictures will be released, for pro instruction purposes generally, on May 15.

Vardon and Wethered pictures are being employed with great interest and success by pros in speeding instruction results and the Jones pictures have been in lively demand. General release of the Jones pictures has been delayed in order to avoid conflict with the pictures Jones is making for Warner Brothers for showing in theaters.

Presentation of these P. G. A.-Jones pictures at the sectional meetings which will open the season in the northern and central states is certain to draw a large attendance to these meetings and give the P. G. A. sectional bodies an opportunity to increase their membership among desirable professionals.

With the extensive publicity given to Jones' debut in the movies, the P. G. A. members are all set for a big profit in instruction sales by employment of the films, according to those who have given the pro instruction prospects close study.

Farber Heads New Greens Group of Carolinas

WILLIAM C. FARBER, Columbia, S. C., was elected president of the Carolina Greens association at its organization meeting held at the Charlotte (N. C.) C. C. The body was formed as the outcome of work instituted by Walter Cartier of the Charlotte Park and Recreation commission.

Other officers elected: Frank Maples, Pinehurst, First V. P.; R. V. Stout, Greensboro, Second V. P.; Walter Cartier, Charlotte, Sec.-Treas.; Ramsey Dulin, Corresponding Sec., Myers Park club, Charlotte.

Program of association work includes establishment of test plots at various courses in Carolinas and interchange of data on tests conducted uniformly at these places.

Donald Ross, O. J. Noer and E. S. Draper were featured speakers at the initial meeting.