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each hole is determined. The theory is that the harder the hole, the more strokes will have been required by your players.

Having determined the order in which you will award handicap strokes, the next step is to establish handicaps for your players. Follow the Calkins system of handicapping. Have all players turn in their five best scores. These are averaged and from this average the par of the course is subtracted. Players are allowed, as their handicap, 80% of this difference. Fractional strokes of .5 and over are raised to the next full stroke.

Whenever a player completes a round in fewer strokes than the worst of his previous five best scores he is expected to turn it in so that a new average and a new handicap can be computed. Handicapping is a waste of time unless players cooperate to the extent of keeping their scores recorded and their handicaps where they should be.

## Club Uses Trees as Distance Markers

By Harry E. Isaacs

Green-chairman, Old Oaks CC,  
Purchase, N. Y.

AN experience which is probably a common one on many other golf courses is that distance markers are often inaccurately placed, require replacement frequently and add to maintenance cost because they are removed for storage in the fall and are often repainted before being set out in the spring. The demands on the green force are so great at this time of year, that a series of complaints often reach the green-chairman before they can be set in place.

In surveying each hole on our course we found that markers are not only frequently inaccurate in their position, but yardage on score cards is similarly incorrect. This has become apparent when markers have been placed to indicate not only distance from center of the tee but also to indicate distance to the center of the green.

These latter distances are of greater importance since the yardage of the drive becomes secondary to the distance from the drive to the green. It may be argued that the good golfer estimates these distances as part of that experience which earns his low handicap; yet the others who cannot estimate so correctly are in the majority.

To overcome these disadvantages, a plan has been put into effect at the Old Oaks CC whereby markers have been substituted by trees of a type distinct for each distance. Planting, at present, is incomplete since funds have been made available only by sale of cord-wood under a separate budget for tree maintenance.

The plan is as follows: in the rough on the left, at a distance of 100 yards from the center of the tee, a poplar has been planted; at distances of 150 yards, a sumac; at 200 yards, a red oak; at 250 yards, still on the left, a scarlet maple marks the distance from the tee. On the right, on those holes permitted by distance, a red oak marks 200 yards, a sumac marks 150 yards, a poplar 100 yards and a holly marks 50 yards to the center of the green. In this way, distances are permanently marked, identification is easy and upkeep is negligible.

Since the 3-par holes need no markers, about 80 trees are required for complete marking, at a cost of about a dollar per tree, and which generally can be secured from an adjacent nursery.

## Pneumonia Fatal to Fred Kruger, Greenkeeping Veteran

FRED KRUGER, widely known grounds supt. of Olympia Fields CC, died at St. James Hospital, Chicago Heights, Ill., Feb. 17 of pneumonia, following a brief illness. He was 57 years old. Mr. Kruger is survived by his widow, a son, Fred Kruger, Jr.; 3 daughters, Mrs. Edna Soderberg, Mrs. Marie Meyer and Mrs. Pauline Warnecke, and 2 brothers.

Mr. Kruger had been at Olympia Fields for 18 years, coming there when Olympia's No. 4 course was constructed by Carter's Tested Seeds. He was born in New York City, and was taken to Bermuda when an infant. He lived there until he was 21.

He was regarded with high admiration and respect by all in the course maintenance field and by his club members and other golfers. His professional abilities and fine, friendly character marked him as an outstanding man in his profession. He had been a president of the Midwest Greenkeepers' Assn., and a week prior to his death had been made a director of the GSA, of which he was a charter member.

He was a true gentleman and a worker and an executive whose achievements did much to advance greenkeeping.

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