

a fine enterprise in which Bob's wife and Bing are especially interested.

Golf clubs are being supplied with details of the Kids' Day sweepstakes. Complete information may be obtained from Luxford or Dawson at National Kids' Day Foundation, Inc., 1765 N. Gower St., Hollywood 28, Calif.

Thacker Blasts Par to Win Golf Peddlers' Tournament

Despite the rain and hazardous terrain of Elyria (O.) CC, Joe Thacker, pro at Brookside GC, Barberton, O., who flew bombers over Germany in the last war, knocked seven strokes off the tough 73 par course to win top honor in this year's Golf Peddlers Assn. event and \$1,000. Ted



Attending the Golf Peddlers Ass'n Tournament, Elyria CC, July 31, 1950, are, Front row, (L to R), Red Barton, Worthington; Bob Sichterman, Hagen; John R. Skinner, Toro; Tim McGrath, Spalding; Maurie Harris, Acushnet; Will Bayer, Bristol; Bob Smith, Worthington. Back row, (L to R), Ed Austin, Worthington; Art Alves, Wilson; Harry Hull, Dunlop; Bill Craig, Mayflower; Charlie Sanner, U.S. Rubber; Bill Zylstra, Hillerich & Bradsby; Earl Christiansen, Acushnet; Frank Mitchell, Kroydon; Earle Schlaw, Kroydon. Ted Deal of Lowe & Campbell was still on the golf course when above photo was taken.

Hugh, University Heights (O.) finished second with 69; Joe Mayer, Mansfield and Mel Carpenter, Hebron, tied for third with 70s.

Deadlocked at 71 were Billy Burke of Country Club (Cleveland), Carl Bindbeutel of Lakewood, Bud Baker of Lost Nation and John Vasco of North Canton.

Jack Gray, Burke's assistant; Dick Neumann, assistant at Westwood; Ed Garfield, Lyndhurst; Joe Guysick, Congress Lake and Earl Christiansen, Columbus, who won the 1949 Peddlers' open, were all notched at 72.

Lloyd Barton, secretary of the Peddlers Assn., announced after the dinner party that \$550 had been chipped in by those present as a gift to the family of John Malutic, Youngstown pro now hospitalized.

Twenty-eight Caddies Awarded Evans Scholarships

Twenty-eight deserving caddies, representing golf clubs from New York to California, have been awarded the famous Evans Scholarships for the 1950-54 college years by Western Golf Association, WGA President Jerome P. Bowes has announced.

The 28 new scholars increase to 78 the number of caddies attending colleges under the Evans Scholars Foundation. Another screening of candidates by WGA's scholarship committee early in September, indicates the Evans Scholars plan will embrace more than 80 caddie-scholars this year.

Seven colleges have been added to the scholarship program sponsored by the WGA in conjunction with the Minnesota State GA, Wisconsin State GA, Detroit District GA, Pacific Northwest GA, and Illinois Women GA.

1950 PGA FALL TOURNAMENT SCHEDULE

- Nov. 9-12 Savannah Open, Gen. Oglethorpe GC, Savannah, Ga.
- Nov. 15-18 Open
- Nov. 30-Dec. 3 Miami Open, Miami Springs CC, Miami, Fla.
- Dec. 7-10 Miami 4-Ball (club not assigned)
- Dec. 14-17 Havana Pro-Amateur, El Country Club de la Habana, Cuba

Week-end of November 15-18 is open, but prospective sponsors are now being contacted with a view to booking a tournament on those dates, if possible, and if one is booked, it will be announced at a later date.

Agronomists to Present Turf Studies at Meet

Abstracts of 1950 meetings of the American Society of Agronomy and the Soil Science Society of America, to be held at Cincinnati, Oct. 30 - Nov. 3, include in the turf section a paper by Wm. H. Daniel, Indiana Agricultural Experiment station, on effect of varying soil moisture on the height, growth and yield of Astoria bent, creeping red fescue and Kentucky bluegrass; one by Richard R. Davis, Indiana Agricultural Experiment

station on the physical condition of golf green soils and its effect on the quality of greens; one by Marvin Ferguson, USGA Green Section, on effects of different levels of six nutrient elements upon the growth and seed production of zoysia japonica Steud; one by Ethan C. Holt, Texas Agricultural Experiment station on variation in spreading rate and growth characteristics of creeping bentgrass seedlings; and one by Don Likes, Indiana Agricultural Experiment station, on the effect of height of cut and irrigation on fairway turf grasses.

BETTER TURF ON WAY

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sprinkler heads and on greens that have been overwatered. The solution of the reduction of soil compaction and the working out of a well managed irrigation program will both reduce the maintenance costs and be helpful in improving the turf.

Reducing Soil Compaction

The mechanical cultivation of the soil to reduce compaction shows possibilities in Southern California as in other sections of the United States. Four different types of machines were found in operation in Southern California during March, April and May, when the writer was visiting golf courses. All were showing to advantage since after their action there was a rapid increase in root growth and irrigation was reduced. The depth of the tool and its cultivation of the soil were two factors that determined the effectiveness of the machines used.

Striking examples of reduction of soil compaction and loosening of the soil were at the Victoria Country Club at Riverside, and at the San Diego Country Club. At the former twenty days after aerifying, conditions changed enabling golfers to hold pitch shots to the greens. Prior to the aerifying they reported high shots failed to stick. The growth of the turf on greens at the San Diego Country Club changed from fair to good in a few weeks after the mechanical aeration of the greens. The stimulation of root growth from aerifying is evidently the reason for the favorable change in turf.

The heavy soil that readily compacts, combines poorly with organic matter material and sand to make the desired medium for growing putting green turf. A series of soil amendment plots have been started at the Turf Gardens, therefore with careful study as to water penetration, depth of roots and clippings removed, facts will be secured helpful to all who are constructing new greens.

The rainfall in Southern California is variable with an annual average of seven to fourteen inches. Most of this amount falls from October to March inclusive. The

turf folks want to know every possible maintenance practice to enable the turf to get the greatest benefit from the seasonal rainfall. There are areas where the water used for irrigation purposes has a high sodium content. Means of moving the salts through the soil before they retard root growth is another of the problems on which facts are desired. It is in Southern California that means of producing good turf with less water is a paramount problem.

Golf is played daily twelve months of the year in Southern California. Eighteen hole public golf courses report 100,000 rounds of golf annually. The demand for more golf courses seems evident and facts will be needed for those who will be developing new golf courses. It is imperative that the present turf program move ahead and be ready for both the development of new courses and the maintenance of courses having heavy play.

Push Turf Study

The spirit to get better turf for golfers has caught fire in Southern California. The idea of having the University of California study fundamental problems in turf production originated with the Green-keeping Superintendents Association of Southern California. This program became realistic when the directors of the Southern California Golf Association threw their weight behind the project. The directors raised funds and secured the interest of other groups wanting better turf. The formation of a Turf Advisory Committee was a natural development. Membership consists of representatives of cemeteries, athletic fields, parks and numerous allied interests. C. C. Simpson serves as Chairman in addition to his duties as Chairman of the Greens Committee of the Los Angeles Country Club. The Secretary is F. W. Roewekamp of the Department of Parks and Recreation of the City of Los Angeles.

Funds raised are turned over to the University of California to develop and maintain the Turf Gardens at the Horticulture Center at 300 Veteran Avenue, Los Angeles. The selection of the site is ideal for the college workers and a number of interested turf folks. There are eight golf courses located within six miles of these plots. Park officials, lawn owners and representatives of commercial concerns connected with turf visit the gardens daily. It was at the gardens where the two conferences held, one last October and the second in May, had their opening sessions. The Superintendents have planned an all day meeting at the plots this fall and the recently organized Athletic Field Superintendents will meet there soon.

The Turf Gardens were laid out and developed by Dr. V. T. Stoutemyer, head