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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 Schlax, 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

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WORTHINGTON MOWER COMPANY

Stroudsburg, Pennsylvania

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

(Continued from page 32)

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



Left to Right: "Dick" Franklin, New England District; Frank Penning, Chicago District; "Bob" Hoffner, Mid-Atlantic District; Tate Chiles, Kansas District; Jim Hersey, Texas District; Herrmann Grover, South Eastern District; Earle Schlax, Ohio District; Joe Murphy, New York State District; John Baduini, Metropolitan District; F. E. Mitchell, Sales Manager, C. W. Reeve, Treasurer

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Maplewood, New Jersey

of Ornamental Horticulture of the University of California, Los Angeles, and his assistant, John Gallagher, Jr., under the guidance of the Turf Advisory Committee. Dean A. W. Hodgson, when opening the First Annual Field Day on Turf Culture, encouraged the group present by stating that within two years the College of Agriculture would plan their budget to maintain the Turf Gardens and inaugurate a turf research program. There is real evidence that as the College supports and assumes full responsibility for the studies of turf grasses and soil there will be funds coming from interested parties for special research studies in the nature of fellowships.

Financial support so far has come from the thirty-four clubs composing the Southern California Golf Association, most of the sixteen golf clubs organized as the Public Links Golf Association, County and City park groups, cemetery interests and commercial organizations. All this financial support is stimulating and inspiring to the College of Agriculture to endeavor to develop a program that will serve turf interests.

Those who attended the two turf conferences held in May, 1950 at Los Angeles and Berkeley asked the University of California to become active in both turf research and extension. These two conferences did arouse the interest of a number of the soil men on the staff of the College of Agriculture. They soon will be bringing forth facts that will be helpful in the solving of turf problems. An Extension Turf Specialist would have the opportunity to correlate agricultural facts from the College applicable to turf and information developed by the Green Section of the United States Golf Association and other Agricultural Experiment Stations conducting turf research programs. That Turf Extension Specialist would find the interest of all green chairmen, greenkeeping superintendents and other people wanting facts that would help them to produce better turf. This interest was evident in all groups the writer was privileged to meet during the period a turf survey was made for the University of California in conjunction with the Southern California Golf Association and directed by the Turf Advisory Committee.

The opportunity to see and serve those interested in better turf in Southern California was enjoyable and, it is hoped, beneficial to all. There will always be turf problems to solve but after being in Southern California three months one is sure these problems will be solved as they appear. This will be due to the aggressiveness and sound judgment of the Turf Advisory Committee. Yes, better turf is on the way in Southern California.

USGA announced during National Amateur at Minneapolis its 1952 National Open would be held at Northwood Club, Dallas, Tex., and the 1952 National Amateur at Seattle (Wash.) GC.

1951 Open will be played at Oakland Hills CC, Detroit, Mich., and 1951 National Amateur at Saucon Valley CC, Bethlehem, Pa.

HOW GOLF FIGURES

(Continued from page 27)

time program than they were at the start of World War II. McCoy summarizes:

"The majority of clubs have replaced their most obsolete equipment and have or are trying, to build up a supply of parts which are not as readily available now as at the start of War II. Some are trying to get new equipment now. Clubs have tried to improve course conditions through drainage, aerification, fertilizing, changing to better strains of grass and so forth. There will undoubtedly be some stockpiling of fungicides and fertilizers.

"In the final analysis what any individual club can do will depend upon finances and supplies available but more important will be the resourcefulness of the various grounds committees and their superintendents."

W. C. (Bill) Gordon, pro at Tam O' Shanter CC, Chicago and pres., Illinois PGA, says he thinks the pros will be able to solve their possible wartime problems easier than the greenkeepers. Bill's opinion:

"The situation with pro shop merchandise now is more the result of a buying stampede than of any serious or threatening lack of merchandise. The manufacturers' and distributors' stocks have been cleaned out far more than is usual even at this time of the year when golf business experiences a seasonal reduction. The difference represents stock that has been bought up by members, and possibly in plenty of cases, to the extent that those members won't buy at a normal rate next year.

"The rationing that has been done by pros and manufacturers to control the buying stampede and hoarding I believe has pretty well cared for the situation so that there'll be balls enough to allow all the golf that can be properly fitted into the wartime needs of recreation. If the comparatively minor rubber and steel requirements of the golf industry are cut, say 10% or 20%, conservative selling and wise control will enable pros to care for the players' needs, although not to the extent possible under normal conditions. We also must bear in mind that the game is growing and whatever cuts there are in



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golf merchandise may represent denying to many the opportunity of taking up the game and getting the exercise that people in factory and sedentary work especially need.

"Essential materials for the upkeep of courses probably will be harder to get than golf playing equipment, according to what I learn from my team-mate Ray Didier, Tam O' Shanter grounds supt. Sound stock-piling with a view to use of materials and equipment on a normal basis rather than going hog-wild ought to get golf clubs in condition so all could keep playing.

"Clubs that have a heavy volume of play and clubhouse patronage have their past experience to guide them and will buy on that basis rather than become panicky. Ordering now for next season's use probably will be a good thing in forcing foresight on some pros and clubs."

Team-Work at the Clubs

GOLFDOM's look into what clubs are doing to prepare themselves, in case, brings out plainly that club department heads generally are more concerned about the prospects and planning than are club officials. This is to be expected as the department heads, in numerous instances, have recollections of the clubs being caught short during World War II and comparatively few club officials were on club jobs during those days.

The team-work of club department heads is most valuable in informing club officials of the highly advisable preparations. At Duluth's Northland CC the pro, greenkeeper and manager have worked together and compared notes. Harold Clasen, Northland's pro, reports:

"As far as the golf pro getting ready for another war I think the manufacturers have just about set up our schedule. Balls and clubs are now on allocation and there is no chance of us buying for future sales. If a few pros were permitted to buy up all the merchandise the rest of us would be in a hell of a position. I have asked the membership here to give me their orders for clubs and I will try to get them for them as soon as possible. I have limited the sale of balls to prevent hoarding. This fall I will put on a drive to get all the clubs in shape and if it works out as it did in the last war I will do a good repair business.

"Art Asplund, our greenkeeper, has been busy getting his equipment in shape to guard against the possibility of a lack of replacement parts. He purchased a new green mower early this season so we now have three in use and one extra which can be used when needed. We have made several improvements on the course this year and he has three major projects

for this fall which he will try to get finished to guard against the possible labor shortage. He will keep his crew busy till the snow flies this year as he has already lost two men to the navy.

"Joe Beda, our club manager, is busy getting his equipment in shape, such as stoves, dishwashers, etc., but is not laying in any great supply of food because of the anti-hoarding principle.

"I personally feel that if we get into an all-out war golf will have to go along with the policy set up by the government and outside of getting our machinery and clubs in shape there is little we can do in preparation.

"Several of our members who were in the reserves are waiting to be called and we all hope that things can be settled without an all-out fight."

Organize Now On War Plans

Gene O'Brien, pro at Rolling Hills CC, Wichita, Ks. and pres., Oklahoma PGA, comes up with the observations of a World War II veteran and urges definite planning and action instead of just "sitting around on our pocketbooks and winding up with golf unprepared as it was before World War II." Gene suggests that the PGA at its annual meeting next November in Chicago set up a wartime organization and plan or have nobody but itself to blame for failure to do, or be able to do, a thorough job.

O'Brien makes the point in this connection that golf, or no other sport that is allowed to continue while Americans are being killed and maimed in battle, can take any bows smugly for all that can be done in play for war benefit funds and bond drives. The limit in that respect should be expected of every American sportsman who's out of firing range. What golf can contribute to the production capacity and competitive spirit of people engaged in home work for the war O'Brien says should receive more attention than it ever has before.

O'Brien says:

"Golf and other sports rate high with the armed forces in that they are great morale builders. The importance of morale on the home front cannot be overlooked. Where possible, golf should be kept alive. Factories, corporations, etc. employing several thousand people should have a definite golf program.

"I think that the most practical thing to consider at this point is the organization of a group to map out a program for wartime conditions. Golf cannot be played without equipment, therefore, the manufacturers, the various amateur bodies, greenkeepers and the PGA should form a wartime organization to carry out a general program for the armed forces and the civilian forces.

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"The return to prorations and allocations by the manufacturers has proved necessary. I think that the businessmen of golf such as myself should make plans now for a proration program within our own clubs. Sneaking balls out from under the counter to privileged members is a lousy way to do business. Keep them on the counter and dole them out one at a time, two at a time or what have you. The golf manufacturers as well as the professional should protect those that put him in business. The professional with limited buying power as well as the golfer in the same status should be considered at all times.

"Without golf balls we are out of business. The hoarding of golf balls in the past by the professionals and golfers alike should be frowned upon by all concerned. The manufacturers need only to check the books to stop a lot of this. During the last war certain balls brought \$75.00 a dozen. This shows the importance of a program to ration golf balls by the manufacturers as well as the professionals.

"The importance of each golf plant to encourage and carry out a program to pool rides to and from the course cannot be overlooked.

"The preservation of golf course machinery should be considered for without

golf course maintenance we might as well play golf in a vacant lot.

"The businessmen of golf in an organization could easily draw up a wartime golf program and put this program in the hands of the government, golf professionals, golf manufacturers, factories, etc. The organization necessary to carry out such a program might be as follows: PGA, USGA, golf manufacturers and other leaders of the golfing public.

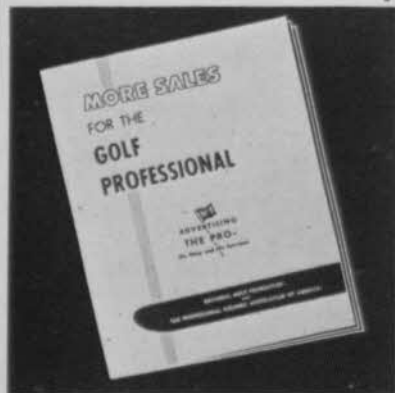
"The makers of golf equipment of all types should make an effort to keep in close touch with the users of their merchandise in regards to the availability of same. If we know how to buy no one can get hurt.

"The golf professionals where possible should encourage clinics and instructions in factories. Where possible and practical, golf exhibitions should be staged at the many army, navy, and marine establishments. Golf tournaments of all kinds should be encouraged whether they be money or club events. Factories can very easily set up golf leagues within their organizations. This form of golf competition should be encouraged.

"The writer was delayed for five years during the last conflict and found the going a little tough upon being discharged. Therefore, I think the smartest

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