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Main ballroom of the Hilton Hotel in Chicago was filled to capacity for the seven instruction sessions staged by Byron Nelson, Ken Venturi, Barbara Romack and Chick Harbert. Here you get a backside and portside view of Nelson as he demonstrates how to take the club back.



Illinois PGA Makes Discovery

Show Crowd Doesn't Warm Up Until the Final Day



In answer to a query by Harry Pezzullo, Illinois PGA president, Barbara Romack says much of her power is in her good left arm.

The Illinois PGA, which sponsored its second annual golf extravaganza in the new Exhibition Hall of the Conrad Hilton Hotel in Chicago in mid-April, made two important discoveries but both came too late.

The first was that more exhibit space should have been set aside.

The second was that golf enthusiasts were just getting warmed up to the festivities the day the show ended. Attendance the first two days was about as expected, but on the third day the crush at the turnstiles was much greater than had been anticipated.

"Maybe our experience on the third day proves," said Harry Pezzullo, Illinois PGA president, "that in spite of the buildup on TV and radio and through the press preceding the show, it takes word-of-mouth publicity to bring many fans to an event such as this."

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Added feature of this year's Illinois PGA production was a style show in which Joni Wilson (center), "Miss Pro Golf", and a Junior Miss modeled the latest in golf fashions. Harry Pezzullo introduced the young ladies.

Nearly twice as many nets were used in the 1963 production as in the first show, which as held in the huge Hilton Hotel. There were also several putting greens and traps. Nearly 30 Illinois pros were on hand to give free instruction, with the clinics going on from noon until around midnight. About 1,000 persons are estimated to have received help with their swings from the teaching pros. In addition to the many lines of golf equipment and apparel that were on exhibition, there was a collection of old playing relics that attracted much attention.

Four Great Teachers

The formal instruction sessions were held in the main ballroom with Byron Nelson, Barbara Romack, Ken Venturi and Chick Harbert presiding. During the first two days, this foursome staged afternoon and evening programs, but on the final day they were on the boards for three sessions. All departed from the usual script by devoting as much time to discussing personalities and golf strategy as to showing how the various clubs should be swung.

Harbert is particularly popular with audiences since he emphasizes dispensing with the many complications that have been introduced to the game in favor of merely concentrating on the essentials. Nelson took time out to answer ques-

tions concerning the games, personalities and future prospects of fellows such as Jack Nicklaus, Arnold Palmer, Gary Player and Tony Lema.

\$200,000 Carling 1964 Open to Eclipse All Others

The \$200,000 in prize money, which will be offered in the Carling World Open in August, 1964, will be the largest purse in golf history, but contrary to the claim originally made by the Carling Brewing Co., the winner's share, amounting to \$35,000, won't set a record. From 1954 through 1957, Bob Toski, Julius Boros, Ted Kroll and Dick Mayer each collected \$50,000 from the late George May for winning his World's Championships.

May was planning to pass out \$210,000 in 1958 for the All-American and World's for men, the Women's All-American and Women's World, and the exhibition tour featuring the winner of the World's Championship, when he folded these events after a disagreement with the PGA.

First Two in U. S.

The Carling World Open will have a field of about 140 players, 35 of whom will be from outside the U. S. Present plans call for the first two of these tournaments to be played in the U. S. with the 1966 and 1967 events going to Great Britain and Canada. The Carling Cup matches will be held this year in Toledo, Ohio, but the Carling Open, which has been played for the last decade, is being abandoned.

Second place winner in the 1964 Carling World Open will receive \$17,000 and the player who captures third will get a check for \$8,500. Prizes for fourth through ninth will be scaled downward from \$7,200 to \$4,000. The 36th place winner will get as much as \$1,000 and the 75th place winner will receive \$620. Every pro participant is guaranteed \$450.

This Startled Them

Back in the '30s the golf world was electrified when a \$15,000 purse was offered for an Agua Caliente tournament. George S. May was the first to put tournaments in the \$100,000 class. A total of \$112,000 was paid out in the recent Masters, and the Cleveland and Thunderbird Opens, to be played next month, guarantee contestants \$100,000 or more in prize money. This year's Open offers \$86,000 in purses.

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Philly Golf Fever Rises In Spite of Weather

By JOSEPH W. DRAGONETTI

April 1st wasn't a very pleasant day in Philadelphia, but the inclement weather didn't penetrate the ballroom of the Sheraton Hotel, scene of the 6th annual golf show of the Philadelphia Section of the PGA.

The attendance was almost double that of last year. Surges of visitors were especially noticeable at noon, at 5 p.m., when offices and other business establishments closed, and after the dinner hour.

The big attractions were the free tips and lessons offered by the pros, panel discussions of the fine points of the game, trick shot exhibitions and the variety of the displays of equipment and sports attire.

A good deal of spectator attention was



Mardi-Car reps, Bob Berry and H. E. Masback, and Angelo Paul take a breather midway through the proceedings.

directed toward the new Graph-Check Sequence Camera. Through its use, a golfer can analyze his swing, especially if he has a pro to guide him. The camera makes possible eight stop-motion sequence pictures that a golfer can study on the spot in just 10 seconds.

Visitors were told that the Graph-Check Sequence Camera has only three exposure settings. Sequence time can be altered by the turn of a knob. The pro aims the camera (there is a simple sports view-



Handicapped youngsters were special guests at the Philly show and Angelo Paul (kneeling), Marlene Hagge and Leo Fraser gave them special attention. Whitmarsh Open, to be played Sept. 30-Oct. 6, incidentally, will be for benefit of Norristown (Pa.) Child Development center.

finder) and presses the trigger when the student starts to swing. Eight universal-focus lenses catch the golfer from backswing to followthrough. Eight shutters click in automatic sequence at 1/1000th of a second, freezing the club in its arc. Ten seconds later a print is available.

Leo Fraser, who turned the running of the show over to Angelo Paul this year after being in charge of the five previous exhibitions, said that the 1963 version was the best organized of any that has yet been staged. "There were more spectators, more manufacturers displaying their goods and equipment and, in general, the Sheraton seemed to be buzzing with more interest and activity than ever before," is how Fraser summarized it.

Give Pros Some Credit

At a luncheon for exhibitors and those who put on clinics and exhibitions and took part in the panel discussions, Angelo Paul said that even though several new courses have opened in the Philadelphia area in the last two or three years, there is still need for many more. "Television, the well



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Andy Studwell, Spalding sales rep, Mrs. Nancy Polumbo, whose husband is a Philly pro, Bill Boyle of Iron Rock GC, and Robert Ferrera and Larry Spence, also of the Spalding firm, discuss a subject on which all probably are experts.

publicized personalities in golf and other factors," said Paul, "are credited with bringing thousands of new faces into the game each year, but the influence of the section pros is being overlooked. If all their time and mileage were clocked as they travel around teaching in schools and at civic and other gatherings, you'd see a rather amazing total. I'm convinced that the close relationship they establish with new players, the encouragement they give, have as much to do as anything in enlarging golf's population."

Possibly the highlight of the Philly show was the way in which a panel composed of Sam Penecale, Stan Dudas, Charles Lepre and Bob Ross, with assistance from Jim Leaming, a sportscaster, and Marlene Hagge of the Ladies PGA, answered rapid-fire questions from the audience. Some of the queries would have stumped the highest domes in the game, but all seemingly were answered to the satisfaction of the onlookers.

Panel Gets Ovation

A second panel made up of Al Besselink, Henry Williams, Skee Riegel and Bill Booe, with Mrs. Hagge and Red McCarthy, sports editor of the Norristown Times-Herald, serving as moderators, was given a resounding ovation after it finished its stint.

Nearly 40 section pros gave lessons and demonstrations during the 12-hour show. Also in the nets off and on during the day was Paul Hahn, the sleight-of-club artist, whose appearance at such as golf shows does much to insure success at the gate.

At a special ceremony, Joe Aneda, chairman of the show, cited Mrs. Joseph Burnett, executive secretary of both the GA of Philadelphia and the Women's GA for her contributions to those organizations,

2,000 Attend First Show of N. J. PGA and Newark News

The new Jersey PGA collaborated with the Newark News in staging its first golf show late in March and if the maiden effort is a criteria, the association and the newspaper have no choice but to make the show an annual fixture.

More than 2,000 persons came through the turnstiles during the nine hours the show was on the boards, with nearly half of them admitted after 6:30 p.m., about two hours before quitting time.

A total of 28 exhibitors occupied 31 booths. Jim Warga of Forsgate CC, the show chairman, introduced Marilyn Smith, Paul Hahn, Bud Geoghegan, Jimmy Thomson, Chick Harbert, Maureen Orcutt and Des Sullivan, Newark News golf writer. They ran the clinics or served as discussion panelists.

About 40 N. J. PGA pros manned the nets during the "Continuous Clinic" and an estimated 250 persons took advantage of the free instruction. A fashion show also was held.

and Jack A. MacInnes, general chairman of last year's PGA Championship at Aronomink, one of the most successful ever staged.

Public Links Qualifying Scheduled for June 13-23

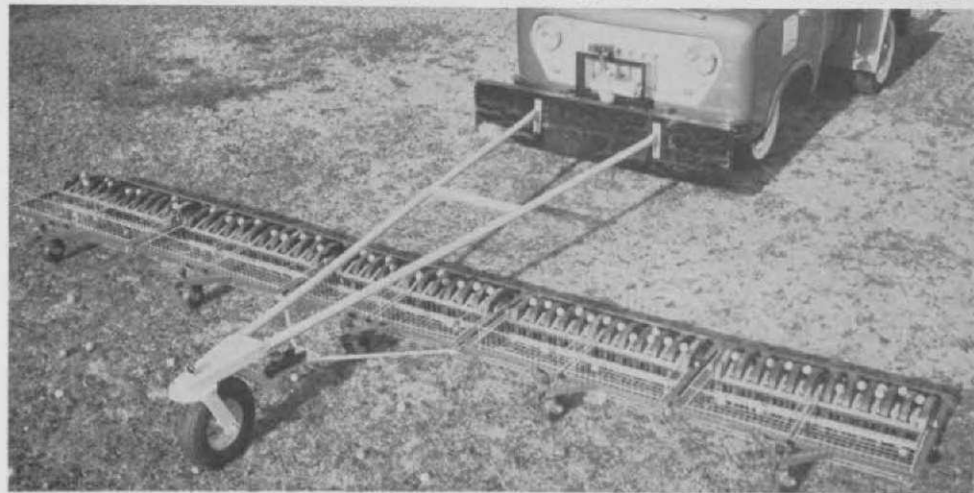
Sectional qualifying rounds of 36 holes for the USGA's 38th Amateur Public Links Championship will be held between June 13 and 23 at 43 sites on 48 courses.

The Championship is scheduled for July 8-13 at Haggins Oaks Municipal CC in Sacramento, Calif. Dick Sikes of Springdale, Ark., will attempt to become the second player to win three consecutive Public Links titles. Carl F. Kauffman won the Championship in 1927, 1928 and 1929.

At Sacramento, 150 players will play 36 holes at medal to qualify for the 64 match play spots. Match play will start on July 10. Semi-final and final matches will be 36 holes and all others 18.

Male amateurs who, since Jan. 1, 1963, have been bona fide public links players are eligible to compete in the USGA event. Entries must be received by the sectional qualifying chairman on or before May 29. Last year, 2,241 golfers were entered in the Public Links tournament.

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GCSA Convention SPEECHES

Three Methods of Soil Fumigation

Here is how to handle tarps after Methyl Bromide — Chloropicrin mix is injected into the treated area

By **DONALD E. LEAMAN**

Technical Director, Agricultural Chemical Sales
Neil A. MacLean Co., Inc., El Monte, Calif.

Most weeds, soil fungi, nematodes and soil-borne insects can be controlled in the soil before planting. Seed will germinate, grow and spread faster if these pests



Leaman

are eliminated because there will be little, if any, competition for soil nutrients and space. Similarly, healthy turf will resist re-infestation due to use of cultural practices. That is, it is far easier to start with clean soil than to try to eliminate a pest after it is established.

Methyl bromide, and menthyl bromide-chloropicrin mixtures are the most common pre-plant soil fumigants. Methyl bromide is a colorless, odorless liquid which is three and a half times heavier than air and boils at approximately 40 degs. F. It is noted for its extremely fine penetrative qualities. It will penetrate a 6 x 6 timber in 24 hours and kill all stages of insect life therein. When released, methyl bromide boils and expands to a gas rapidly and must therefore be contained with gas-proof tarps.

Used in Mixture

Chloropicrin, or tear gas, is extremely toxic to soil fungi. It is used in a mixture

with methyl bromide to enhance the kill of soil pathogens. A synergistic action occurs in these mixtures which gives each a boost in toxicity allowing lower dosages to be applied with improved results.

The effectiveness of most soil fumigants is closely related to soil conditions. To obtain maximum results the following preparations should be made with regard to moisture and tilth:

The soil should be chiseled or plowed to the depth the fumigant should penetrate. Then it should be well disced and rototilled to eliminate large clods. Finally, it should be smoothed to seeding condition prior to fumigation.

Moisture Maintained

The soil should have sufficient moisture to support seed germination for at least 10 days prior to the application of the fumigant. At the time of application of the fumigant, the surface of the soil should be moist and, if necessary to assure this condition, water should be applied two days before fumigating.

There are basically three different ways to apply fumigants to the soil, and to seal or contain them within a given area:

(1) The raised tarp method: After all the requirements for tilth and moisture have been met, a six inch trench is dug around the area to be treated. Bags full of straw, cardboard boxes, wire hoops or boards held up by blocks are placed within the area to be treated in such a way as to hold the tarp six inches off the ground when stretched over the area. The edges of the tarp are placed in the trench vertically and covered with soil so as to make the area under the tarp a sealed atmospheric fumigation chamber.

Methyl bromide should be metered out of the cylinder through a dispenser or weighed out on an accurate scale. It is common practice to vaporize the liquid by means of a heat exchanger or forced recirculation fan to insure an equal distribution of fumigant to air in all areas under the tarp. The proper dosage for this method of application is 1½ to 2 pounds