Golf Day Adds Sweepstakes

To broaden interest in its annual National Golf Day charities the PGA has added a sweepstakes giveaway to its 1975 drive.

The drive, which starts this month and runs through the golf season, is expected to generate larger donations for the 35 regional and national golf charities it supports because of the sweepstakes, and because all prizes are donated. Another incentive for this largest of all golf charities will be the award of a free pocket golf tips booklet to all who contribute.

Grand prize of the 99 awards to golfers who contribute one dollar or more is a seven-day golf vacation for two in Jamaica with golf and luxury accommodations at Half Moon Hotel in Montego Bay. Four special first prizes to be awarded are 17-inch Magnavox color televisions.

President Gerald Ford, as honorary chairman of the drive, has expressed his regard for the "fine achievements of your organization." He has indicated he may participate in the Round of Champions at Firestone Country Club in Akron June 2, if his schedule permits. Target scores for contributing golfers to beat are set at the Round of Champions each year. This year, PGA champion Lee Trevino contests with U.S. Open champion Hale Irwin, while LPGA champion and Woman's Open champion Sandra Haynie vies with 1974 LPGA Player-of-the-Year, Joanne Carner.

Nominated for his service to the golf turf industry which began 58 years ago, Gerber served as the GCSAA's 14th president in 1950, as well as president of the Midwest Golf Course Superintendents Assn. for three terms. He recently retired as superintendent of Glen Oak Country Club, Glen Ellyn, Ill., a position he held since 1936.

Formed in 1926, the GCSAA established the Distinguished Service Award to recognize those individuals who have significantly advanced the profession of turfgrass management.
Three nationally renowned golf course architects were recently cited as Fellows by the American Society of Golf Course Architects for their "dedicated service to the profession and outstanding contributions to the game of golf." From left: James G. Harrison, Turtle Creek, Pa.; Robert F. Lawrence, Tucson, Ariz.; Robert Muir Graves, the Society's immediate past president; and Milton D. Coggins, Phoenix, Ariz.

Pacifica Begins Program Of Credit with Purchase

Pacifica Recreational Products, which markets "Bamboomer" woods and "Soft Touch" irons, has instituted a new promotional campaign paralleling the recent automobile rebate program.

Through June 30 the California firm is offering, through its participating pro shop dealers, gift credits of from $25 to $50 with each purchase of Pacifica sets. The gift credits are redeemable in merchandise at the pro shop. Pacifica then reimburses the pro shop for the value of the redeemed merchandise. Gift credits are redeemable through August 31.

According to Pacifica executives, golfers can receive a $50 gift credit with the purchase of a complete set of woods and irons with Dynalite shafts. A $25 gift credit is granted for the same purchase of clubs with Dynamic shafts or for purchase of a full set of irons with Dynalite shafts.

Understand Seed Tag, Says Researcher

Seed tags on bags of seed give the seed a superintendent buys full identification. The superintendent should fully understand the tag to be able to buy wisely based on the purposes for which he intends to use it, according to Dr. Fred Ledeboer, director of agronomy and research for Lofts Pedigreed Seed Co., Bound Brook, N.J.

As we know it today, the seed tag is there to protect the consumer against fraudulent producers or marketers of all types of seeds," Dr. Ledeboer said. "It is also there on each and every seed container to monitor quality standards as required by law."

The tag is the ID tag for quality of seed which must be clearly exhibited on every shipping container, Dr. Ledeboer said, writing in the newsletter of the Pennsylvania Turfgrass Council. Various colored tags will be observed primarily on large bags. These coded colors refer to specific quality standards for individual varieties only and are not applicable to mixtures. If a variety meets certain quality standards in the production field as well as in the seed bag it can be certified and is allowed to carry a blue certification tag. While other tag colors will appear, they are not officially designating quality standards but are rather used to identify brands or mixtures of various merchandisers. Seed of regular quality that meets the regulations of the Federal Seed Act generally carries a white or Manila tag. At least one tag on each container has to show the official analysis at a state or federal seed laboratory. The analysis tag should show the following, according to Dr. Ledeboer:

- Kind of seed contained — if it is a mixture of several, all have to be indicated by percent of each.
- Purity of seed given in percent — in a mixture the percentages of other components also have to be stated.
- Germination of pure seed given in percent — with the last two points the real quality factor of the seed can easily be determined as pure live seed by multiplying purity times germination. This gives the amount of seed per 100 pounds that is expected to grow.
- Inert matter content given in percent — this portion contains all broken seeds, chaff, sand and other non-living matter.
- Other crop content in percent — this is seed of a different crop species that is not considered a weed; the percentage of the other crop has to be below five percent to be listed here; if the percentage is greater the seed has to be shipped as a mixture.
- Origin — this will indicate in which state the seed was grown but does not identify the shipper.
- Lot number — each field receives a different lot number; this identifies the grower and his field in case of reclamation; all seed of a lot is generally shipped as a whole until it gets to the retail trade.
- Test date — this date indicates when all the determinators listed above were made; in particular it refers to the date of germination determination; in some instances even the laboratory where the analyses were made is given or is identified by a test number.
- Net weight — the net weight of each shipping container has to be stated on the tag or label.
- Shipping firm — the firm who holds the official test results has to be identified.

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USGA Begins Testing Non-Hooking Ball

USGA examiners will soon test the widely heralded non-hooking, non-slicing golf ball invented by two California scientists.

Dr. Fred E. Holstrom, professor of physics and department chairman at San Jose University in San Jose, Calif. and Daniel E. Nepela, an advisory chemist with IBM, achieved what they call their no-hook, no-slice effect by confining dimples on the ball to a band around the ball, leaving the rest of the ball bald.

“The idea came from an article in one of the trade journals entitled, ‘Aerodynamics of the Flight of Golf Balls,’” Nepela told GOLFDOM. “Fred ran across it on one of his projects and showed it to me. The subject was captivating. We asked ourselves why couldn’t a ball be designed that would minimize hooking and slicing and remove some of the pain from the game of golf.”

For their experimentation, the two used rubber bands, plain kitchen plastic wrap and household adhesives. They did baking in a kitchen oven. The total cost of the experiment was $2.75.

“Imagine how this must compare with the expenditures of some of the major golf ball manufacturers,” Nepela said.

The ball was patented last summer.

“Public Pool Care Guide,” contains information on principles of pool operation, the chemistry of chlorination, products commonly used for disinfection and oxidation, feeding gas chlorine, feeding liquid chemical solutions, the recirculation system and filtration.
New Nitrogen Fertilizer To Be Distributed by Toro

Organiform 24-0-0, a long-lasting organic nitrogen fertilizer introduced in the Midwest last year by Hawkeye Chemical Co., Clinton, Iowa, will be distributed by Toro Distributing, according to A. H. Bowers, Hawkeye marketing manager.

Used in the East for many years in professional turf management, the fertilizer supplies both water-soluble and water-insoluble nitrogen for steady slow-release through the growing season. The product is being evaluated for use under Midwest conditions at Purdue University.

Pro Dyn Will Ship Clubs In 10 Days with New Plan

To help club pros efficiently utilize inventory space and maintain cash flow, Pro Dyn now guarantees shipment of golf clubs within 10 working days after receipt of order. If Pro Dyn fails to ship the order or any part of the order within that time, it will give an additional 10 percent discount on the unshipped portion in addition to all other discounts.

With this delivery guarantee, pros do not have to maintain a large inventory of clubs or tie up cash in their inventory, Pro Dyn said. With just a few representative Pro Dyn sample sets, pros can fit the most exciting or unusual customer specifications and deliver the clubs in just a few weeks instead of months, Pro Dyn said. For further information, write: 11703 Chesterdale Rd., Cincinnati, Ohio 45246.

Golf Academy Begins Term

San Diego’s Golf Academy began classes Jan. 29 with 10 students enrolled in the specialized two-year program designed to train persons for management careers at golf courses and country clubs.

The first term, which will offer classes in office management, accounting, communications skills and purchasing, will run through June 10.

Clubhouse Planning Point of NGF Book

A bad clubhouse can cripple a fine golf course. A good clubhouse needs enough space and enough money, as well as some thoughtful research. This is one of the main points brought out in a new revised publication of the National Golf Foundation, “Planning the Golf Clubhouse.”

The book points out that a number of trends in the last generation have greatly influenced today’s clubhouse design and operation. Among them are more family interest (women and children) in golf than ever before, a spreading of the idea that anyone should have and will pay to play a decent course and use a clubhouse — private or public — that offers good service, increased labor costs to operate clubhouses, competition between the traditional membership club and other restaurants and recreation centers, and increased knowledge about club administration, accounting, furnishing, promotion, food service and maintenance, as well as functional and aesthetic design.

The book presents a cross-section of current ideas and trends in golf clubhouse design and operation. It is not a book of plans to copy, but of guidelines, alternatives and samples. Sections included are: why your clubhouse needs an architect; site planning for the clubhouse; fitting the clubhouse to needs of users; how lighting creates mood and function; area requirements for clubhouse facilities; how to finance clubhouse projects; design criteria for the private membership clubhouse; a survey of new private membership clubhouses; design criteria for the resort/real estate clubhouse; and a section on design for public course clubhouses.

The book is available from the Foundation at Room 707, Merchandise Mart, Chicago, Ill. 60654.

Pre-emergence Herbicide Available Soon

In a recent review of turfgrass research being carried on at the University of Illinois the last three years, Asst. Professor A. J. Turgeon said the most significant find in the area of pre-emergence herbicides has been oxadiazon.

Turgeon noted that this material has performed exceptionally well, especially in conjunction with vegetative plantings of Kentucky bluegrass for controlling annual bluegrass and other troublesome weeds without retarding turfgrass establishment. He said oxadiazon will probably be available next spring as Ronstar from Chipman.

He said other studies in which a number of commercially available herbicides were applied repeatedly for several years disclosed the thatch-inducing effect of calcium arsenate and bandane. Associated with this were shallow rooting, higher wilting tendency during summer, and increased susceptibility to Helminthosporium leaf spot disease in spring. He said they have also determined the reduced water infiltration rates observed with these thatched turf was not due to the thatch, per se, but rather the physical condition of the underlying soil presumably resulting from poor rooting and the absence of earthworms.

Another study involving the use of pre-emergence herbicide for controlling existing infestations of annual bluegrass in closely clipped Kentucky bluegrass revealed the futility of using herbicides without adjusting other cultural practices to favor Kentucky bluegrass.

Food-Price Rise Estimates Cut by Washington Experts

Bringing estimates more in line with those of White House economists, the Agriculture Department has trimmed its forecast of first half food price increases substantially. Agriculture Secretary Earl Butz last month told President Ford he expects prices to rise about 1.5 to two percent in the first quarter of the year and another 1.5 to two percent in the second and then to level off or decline slightly in the second half of the year.

Butz noted that while food prices increased about 14 percent in 1974, about four-fifths of the increase was due to higher processing, transportation and other costs after food left the farm.

Please turn page
Tea Prices on the Climb; Frozen Orange Juice Drops

On the heels of a year when prices of tea rose on the average of 24 percent, club managers can expect another year of increased prices for the beverage. Good news on the beverage front is that the price of frozen orange juice is on a downswing.

Until last year, tea was a notable exception to the relentless climb in food prices; in 1973, for example, tea rose just two percent in price, compared with a 15 percent climb in all food prices. After last year's monumental leap, experts generally feel prices will continue to climb this year, but are reluctant to pinpoint the extent of the advance.

Widespread inflation, including higher petroleum prices that have boosted production, packaging and transport costs, have contributed to the recent tea price increases, an Agricultural Dept. spokesman told GOLFDOM. Poor crops in Sri Lanka, one of the largest producers, and stepped-up buying by Middle Eastern nations are further price stimulants, the spokesman said. And future crops are threatened by tight supplies and higher costs for fertilizer, which increasingly is being diverted into food production and away from tea and other less-vital uses.

Record orange production due to favorable weather in Florida has led to the prediction that the juice will drop in price. Rising production has helped to keep prices of juice constant over the past three years.

50 Years in Irrigation Celebrated by Miller

A. J. Miller, Inc. is celebrating 50 years of service in the sprinkler irrigation industry. Miller Sprinkling System Division of the company is one of the largest installers of golf course irrigation systems in the Great Lakes area of the country. Sprinkler Irrigation Supply Co. division distributes leading brands of turf and agricultural irrigation equipment in this same area. Both have offices in Royal Oak, Mich. and Addison, Ill. Irrigation Design Associates Div. provides design service for architects and engineers in this irrigation specialty field, with offices in Royal Oak.

Bluegrass Varieties Good Turf Specialist Says

There have been recent published reports and discussion over the number of Kentucky Bluegrass varieties available. Some say there are too many to deal with. Dr. Jack Butler, extension turfgrass specialist with Colorado State University says "the more the better."

"People have been writing in magazines complaining that there are too many varieties," Dr. Butler told GOLFDOM, "but even though it causes the superintendent to work harder, I think he needs the options to pick the best for his situation. If we do not have a large choice, we are stuck with two or three varieties, and until we get a near ideal bluegrass, this is not a good situation.
Beverage Manual Published

One of the most important items in a club manager's lounge for beverage control is the cash register. If a manager has more than one bartender on duty at the same time, he should be sure that each bartender has a separate cash drawer and keeps his sales separate. This allows a club manager control over each bartender's sales.

This is one of the points brought out in a recently published manual entitled, "How to Own and Run Your Own Bar or Cocktail Lounge: A Beverage Service Manual," published by Venture Publishing Co., 48 Merrie Circle, Richardson, Texas.

Course Maintenance Guide Available from Oxychem

During a first-time combined effort, Occidental Chemicals Co.'s eastern and western divisions joined forces at the GCSAA show in New Orleans where they introduced their new professional maintenance guides for golf courses.

The booklet covers turf and ornamental fertilization techniques and agronomics as well as full guidelines in the use of pest, weed and disease controls. It also includes the latest in new products, safety and first-aid, and a section on major turf species. The supply of books ran out at the show. To get a free copy, write the company at P.O. Box 1185, Houston, Texas 77001, care of J. D. Selensky.

Beef-Grading Revision Scheduled This Month

The Agriculture Department will put into effect this month its proposed revision of beef-grading standards. The revised standards will allow slightly leaner beef to qualify for prime and choice government grades, a department spokesman told GOLFDOM.

Some groups have opposed the rules, saying purchasers would be forced to pay higher prices. The agency has said, however, that the change could result in more demand of the lower-priced USDA grade beef. The agency said the new standards will make grading more precise. Officials said the grade changes would reduce demand for feed grain to fatten animals and would develop demand for leaner beef. Traditionally, cattle attain the higher government grades by being fattened at feedlots.

Chlordane and Heptachlor Cancellation Appeal in June

The Environmental Protection Agency expects to conduct an appeal hearing in June on its cancellation of most uses of chlordane and heptachlor insecticides which went into effect in December. All uses for turfgrass insect control were affected by the notice.

Velsicol Chemical Corp., Chicago, the principal U.S. manufacturer of both chlordane and heptachlor, and about 50 of its distributors have requested the appeal hearings.

Factors to consider when selecting a fertilizer

We could have developed a series of ads on each of the 17 categories listed below, but this one chart really says it all.

Is Milorganite more than a fertilizer? It sure seems so! For further information on "Milorganite and Dollar Spot" and "Milorganite and Nematode Injury", write to:

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Factors Required

<table>
<thead>
<tr>
<th>Milorganite</th>
<th>IBDU (Swift)</th>
<th>Mixed Fertilizer</th>
<th>Scotts (UF)</th>
<th>Uranite or Nitroform</th>
<th>Chemical Nitrogen</th>
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<td>Water &amp; Energy Conservation</td>
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<td>Complements Natural Growth Curve</td>
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<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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MILORGANITE

8500 South 5th Avenue
Oak Creek, Wisconsin 53154

the number One Naturally Organic Fertilizer

For More Details Circle (103) on Reply Card
**CLASSIFIED**

Rates: All classifications 50¢ per word. Box numbers add $1 for mailing. All classified ads must be received by the Publisher before the 10th of the month preceding publication and be accompanied by cash or money order covering full payment.

**BUSINESS OPPORTUNITIES**

GOLF COURSES: Want to buy or sell a golf course? Our business is exclusively golf courses transactions. We also do golf course market value appraisals. McKay Realty — GOLF AND COUNTRY CLUB PROPERTIES. 15553 N. East St. (U.S. 27), Lansing, Mich. 48906.

HELP WANTED

REPRESENTATIVES WANTED: Red Hot Golf Club Company. Territories available. Please send resume with letter or call Red Hot Golf Company, P.O. Box 78, Trinidad, Colorado 81082, Attention: Ron Sanders. Phone: 303 846-7506.

PRO SHOP REPS: Clubs, putters, headcovers, range balls, gloves. Send resume to P.O. Box 172, Forestville, Conn. 06010.

MISCELLANEOUS

GOLF CAR TIRES First line 18 x 8.50-8, $13.50; 18 x 9.50-8, $13.75 plus F.E.T. Send for our complete tire line. All sizes available. Golden Triangle Sports, Inc., 6317 Library Road, Library, Pa. 15129. Phone 412 835-6898.

FOR SALE — good used golf balls for practice range (striped red). Raven Golf, 6148 Thornycroft, Utica, Michigan 48087. Phone 313 731-3469.

NOVELTY PUTTER — the "foot" for one foot putts. Available in colors and gold plate. J. F. Cleary Co., Inc., Forestville, Conn. 06010.

POSITIONS WANTED

GOLF COURSE SUPERINTENDENT, PGA professional. Experienced in all phases of golf course construction and maintenance desires Florida location. Would consider investing in club. Write Spruce Creek Golf Club, RFD1, Daytona Beach, Florida 32014. Or call 305 767-2232.

SUPERINTENDENT, 35, married, 16 years experience. Superintendent of University, familiar with all phases of fine turf maintenance construction, irrigation, landscaping. Box 26, Golfdom, 9800 Detroit Ave., Cleveland, Ohio 44102.

GOLF COURSE SUPERINTENDENT, mature, married, children, 23 years experience all phases of maintenance and a variety of subjects affecting every phase of the foodservice business. Special interest programs, panel discussions, two new all-day sessions with top industry consultants and a repeat of the successful Problem Clinic are all on tap. In addition, some of the finest culinary displays and demonstrations in the world will be available in three, two-day classroom seminars on Saturday and Sunday of the show. For further information, contact the NRA at One IBM Plaza, Suite 2600, Chicago, Ill. 60611, or call 312-787-2525.

Report Says 2-of-3 Meals To Be Eaten Out by 1980

Club managers and club officials should be interested to hear that a Philadelphia accounting firm predicts that by 1980, two out of every three meals a person eats will be eaten out.

Laventhol & Horwath included these figures in its annual restaurant wrap-up.

The firm also says that the restaurant industry as a whole will have to invest $15 billion to $20 billion in new facilities and hire two million more employees by 1984.

**SITUATION WANTED**

SUPT. OR PRO/SUPT. desires change. Wife can assist. 13 years experience. Know all phases. Bent or Bermuda Greens. Excellent references. South-east preferred. Write Box 25, Golfdom, 9800 Detroit Ave., Cleveland, Ohio 44102.

**WANTED TO BUY**

USED pull carts for rental! Used golf club sets for rental! Phone 814 445-4146

USED 480 volt Mercury vapor lights or equivalent. Phone 814 445-4146.

USED miniature golf obstacles. Phone 814 445-4146.

**ONES OF THE INDUSTRY continued**

"Something For Everyone" Is Restaurant Show Theme

"Something for Everyone" is the theme for the 1975 National Restaurant Assn. Restaurant, Hotel/Motel Show to be May 18-21 at McCormick Place in Chicago.

Not only is it the largest assembly of exhibits covering every aspect of the huge hospitality industry, and an opportunity to associate with almost 100,000 persons from the industry all gathered in one city, but the educational programming is expected to be more informative than ever this year.

There are over 36 hours of free educational programming featuring every three meals a person eats will be eaten out.

Laventhol & Horwath included these figures in its annual restaurant wrap-up.

The firm also says that the restaurant industry as a whole will have to invest $15 billion to $20 billion in new facilities and hire two million more employees by 1984.

**Milorganite Moves Out Of Milwaukee**

Milorganite Div. of Milwaukee Sewerage Commission has moved from Milwaukee to 8500 S. 5th Ave., Oak Creek, Wis. 53154.

The new phone number is 414-764-2300.

Invoices will continue being paid at the old address: P.O. Box 2079, Milwaukee 53201.