
L. B. Icely, pres., Wilson Sporting Goods Co., marked his 30th year with the company Feb. 28. . . Melvin B. Lucas, formerly at Manchester (Conn.) CC, is new supt., Homestead G\&CC, Spring Lake Heights, N.J. . . . Walter Hagen's plugs for the home club pros in Hagen company national advertising are the Haig's own idea.

French Lick Springs, Ind., Midwest Amateur tournament April 2-4, announces a field that puts it in major amateur event class.

As one indication of how greenkeepers have stirred up interest in good lawns: O. M. Scott \& Sons Co. started its Lawn Care bulletin in 1928 with 5,000 copies. . Current issue, the 99 th, has 950,000 circulation. . . British pros will compete in 20 tournaments from mid-April to early October: . . North British Rubber Co.Harrogate tournament for 2,000 guineas which was inaugurated last year this year again will be a feature of the British tournament circuit.

Stanley Davies, pro, Omaha (Neb.) Field club, has been at PGA National course this winter recovering marvelously from a prolonged illness. . Mrs. Ed Furgol's birthday was celebrated at Venetian hotel, Miami, March 10, by the Furgols, the Ellsworth Vines' and others. Ed and Ellie had just finished second in the Miami 4-ball. . . Pars by the FerrierMiddlecoff team won the title on the 36th hole. . The Middlecoffs celebrated their first wedding anniversary during the Miami affair.

The 4-ball event took a beating at the gate. . . So did the New Orleans open. . . Miami experimented by concluding the event Tuesday, hoping presence of many stars over the week-end would draw blg galleries as was experience of the PGA at Plum Hollow, Detroit. . . Monthly meet-
ings of tournament circuit players gradually are solving some of their problems.

The rules were a cause of controversy at the 4 -ball. . . Dispute involved Argentine and U.S. players on handling the flag Answer is clear in the rule book. If you don't know it, look it up. .. Ignorance of rules isn't good showmanship in tournament golf.

Jeeps getting strong OKs at greenkeeper conferences this spring, based on 1947 course service. . Greenkeepers say jeep holds speed uniform for seed and fertilizer distribution and chemical weed control. Some of them say the 4 -wheel drive helps in spring mowing. . . They think the jeep could be better fitted to golf course use if the spindle were lengthened to get shorter turning radius and the front and back wheels didn't track together.

Tightening the greens and stymies helped make the PGA 30th championship played May 19-25 at Norwood Hills CC, St. Louls, most exciting show the pros have played for the publie in years. . . Return of the stymie wasn't wildly cheered by the playing pros but the stymie's effect on results of matches was about $50-50$ for the contestants. . . M. G. (Scotty) Fessenden, Western GA pres., after watching pros negotiate and fail on stymies said he still thinks the Western's refusal to accept the stymie in its Amateur and Junior championship will save damage to greens. . . No damage to Norwood Hills greens from stymie play by the pros.

Norwood Hills greens the pros declared were finest putting surfaces anyone could want. . . Greenkeepers Joe and Ted Lammert of the club did a great job in bringing those greens into condition. . . Pro Ray Schwartz, lauding the work of his team-mates, the Lammerts, said if the PGA could arrange its championships two years in advance as the USGA does the greenkeepers would have time they need for a fairway conditioning program.
Norwood Hills' hilly terrain makes fertilizing and seeding a job that requires time and favorable weather conditions.

Despite the ups-and-downs of the Norwood Hills West course, for spectators it is one of the best courses on which a major American championship has been held. . . Within a radius of 300 yards one gets a good view of the 4 th, 8 th, 11 th, $13 \mathrm{th}, 15$ th, 17 th and 18 th tees and $3 \mathrm{~d}, 7$ th, 10 th, 12 th, 14 th and 17 th greens.

Fine weather and well-planned advance ticket sale, plus a swell job in putting the bite on for program ads got the club "off the nut" early. . . Plenty of parking space

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in the club grounds, practice area on the East course not 100 yds. from pros' locker-room, meal service in a large dining room and outdoors by the dance floor and two food-and-drink stands on the course, a private locker-room section for contestants with food service in a private room adjoining, a large, well-lighted, conveniently located press room, all made the Norwood Hills set-up ideal for a tournament.

Pres. and Gen. Chmn. J. F. Tegeler, the club's board members and committee members, Pro Ray Schwartz, the Lammert brothers and Mgr. Ray Laidet, deserve a hand for management of a tournament about as nearly perfect as could be devised. . Gotta hand it to the marshals too. . . They kept the galleries in line without acting big and loud and without delay. . . Women score markers accompanying the contestants also were $100 \%$ in performance.

PGA deserves a lot of credit for again getting around to making its championship a top test of golf instead of an endurance contest on a course softened up because of fear of star's complaints. . . That fringe around the greens which has been virtually eliminated from PGA tour-

## GREEN DRAGON <br> Patent No. 2267943



## ALL-PURPOSE CULTIVATOR for Fairways and Greens

Aerates packed soil and permits deeper penetration of fortilizer, top-dressing and water-removes grain from greens furf-easily operated without interruption to play. Weights on tray over axle regulate cutting depth. Circular knives of high grade knife steel.

Now in full production. Prompt deliveries.
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## TTOP Hovors' PURATURF 177

## Organic Cadmium <br> Compound

The outstanding material for turf protection and eradication of

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## NON-IRRITATING-NON-MERCURIAL

In an impartial survey of leading greenkeepers testing Puraturf 177, 9 out of 10 report:

1. Eradication of Dollar Spot infection within 2-7 days after application depending on severity of the infestation.
2. Prevention of Dollar Spot maintained by a 10.14 day spray schedule.
3. No injury is reported on bent grasses when used according to directions.
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naments for years because of pros' howls, was back again and again showed that it's just as much a test of skill as any other shot in the bag. . . Without that tightening of the greens the Norwood Hills West course which is only 6467 yds. long would have been strokes easier in the average scoring of qualifying rounds and the approximate scores of the medal play rounds.

There's only one par 4 hole of more than 400 yds. on the first 9 at Norwood Hills West. . . It's the 405 yd . 6th. . . The hills and elevations make it a tricky course. . . The $403 \mathrm{yd} .-209 \mathrm{yd} .-450 \mathrm{yd}$. (par 4) final three holes give the course a great finish.

Look for a change in the schedule of conducting the PGA 1949 tournament. . . Lot of agitation for eliminating the qualifying rounds at the tournament after contestants already have played 36 holes qualifying sectionally. . . Some talk about having the tournament all match play at 18 holes up to the quarter finals when play would begin at 36 holes. . Those in favor of the 18 hole route all the way through say 18 holes is a regulation round. . . If a champion needs more than that to be a champion he isn't a champion, the 18 hole advocates maintain. . . Upsets will occur


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Actually one out of every 4 clubs have SCOTTS greens and fairways. Plan now to give your club this player preference.
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Withalow-cost, portable Onan Electric Plant you can use fast-workind electrical toolsanywhere. Operate grass clippers. hedse shears, edse trimmers, drills, saws, electric spades and chisels. other tools and lights. Easy to wheel, quick to start, equipped with convenient outlet boxes for direct plug-in of tools and lights.
Powered by economic-al-to-operate Onan 4cycle, one-cylinder, aircooled engines. Eighteen models - A. C.: 350, 500, 750 and 1000 watts, 115 volts. D,C.: $600,750,1200$ and 1500 watts, 115 volts.

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in these 18 hole affairs but the public will come to see who killed the giant.

Apparently nobody in the PGA field was bothered by the 14 club limit. . . The honor system governed on clubface markings. . . Some gallery comment on curious bites and twists of balls after hitting greens but contestants weren't inclined to do any chiseling after all the talk there's been about the markings.

Some years ago GOLFDOM suggested to the USGA that the pros at clubs where USGA championships were held deserved some cash compensation for the business they lost because of having the championships at their clubs. . . The USGA took prompt action. . . We've made the same suggestion to the PGA but it still lags in adequately recompensing the pro at the club where it holds its annual championship. . . Ray Schwartz, Norwood Hills' pro, had to cancel a lot of lesson time early in the season because of pressure of duties connected with PGA championship arrangements. . . Pro purchases at a PGA championship are almost nil. . . Member sales are cut off. . . Few apparel items are sold to gallery visitors. . . The pros at the PGA championship clubs and at all clubs on the tournament circuit

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If your fairways, greens and tees bear any indication of Brown Patch or other grass diseases, act now! We offer a complete line of excellent fungicides. Don't wait until your turf troubles increase - write and give us your problem. We can help you!
deserve a whole lot more attention from the PGA when there's all the talk about the tournament big money.

Johnny Manion repeated at the PGA championship the excellent job he did at the 1947 National Open of seeing that the contestants got all the service and convenience the host clubs possibly could provide. . . Television from the KSDTV tower high above the center of the course gave the PGA championship grand coverage. . . One thing Norwood Hills' publicity committee learned too late (as others also have) that publicity pictures to show the course to advantage should be made in the summer preceding a late spring tournament that's to be held the following year.

James Wilfong, former supt. at Congressional CC (Washington, D.C. dist.) now is with the USGA. Green section in charge of maintenance of turf plots. No successor to Donald Ross is contemplated at Pinehurst. . John Inglis reelected for 20th year as Metropolitan PGA pres. . . Met PGA also elected Jack Mackie, Al Brosch, R. C. MacDonald and Fred F. Moore as 1st vp, 2d vp, sec. and treas., respectively.
"Sugar" Robinson, the welterweight

## TURF that Speaks for Itseld! <br> MISSISSAUGA GOLF AND COUNTRY CLUB and

other preeminent golf courses
in Canada
rely upon Milorganite
to produce outstanding turf
on greens, tees and fairways.
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 LAWN MOWER GRINDERIn its 15th season serving the nation's leading golf clubs, the Carpenter Grinder is a marvel of precision, simplicity and speedy work. Scudy these features. NO OTHER GRINDER OFFERS SUCH A DESIRABLE COMBINATION OF ADVANTAGES.

1. Machine is complete without accessories, no hoist or auxiliary holding device needed.
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7. Fotire setting and operation is without tools.
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9. Mechanically RIGHT, extremely rugged. We have plenty of 15 -year-old grinders in use today.

Here is THE grinder for a club that must have velvet greens and well-kept fairways, and wants to keep its mowers on the job, not always lined up in shop awalting grinding. Get complete illustrated bulletin and price data NOW.

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boxing champion of un-sugary war-time performance, is sponsoring a $\$ 2,560$ open at Engineers club (NY Met dist.) July 26-28. . . Lot of rehabilitation work done in bringing summer resort courses into good condition for this season. . . Add to the list of Forgotten Men: Skip Alexander on the Goodall Round Robin invitation list and Ellie Vines on the PGA membership eligibility list. . . Skip was 6th in winnings ( $\$ 7,447.50$ ) and 8th in average score (70.87) for first four months of tournament circuit. . . Vines has been a pro more than five years.

Alex Ogilvie, Sr., 61, pro at Beechwood CC (Cleveland dist.) for 22 years, died May 5 of a heart attack at Cleveland. . . Alex came from Leben, Scotland, in 1910. His first U.S. pro job was at Morristown, N.J., then he went to St. Andrews GC, Hastings-on-Hudson, N.Y., where he remained for 7 years before going to Beechmont. . . Among his pupils at St. Andrews was Dorothy Campbell Hurd, 3times U.S. women's National champion. . . Alex is survived by his widow; two sons, Alex, Jr. and Joseph; and his brother, Dave, who has been pro at Oakwood CC (Cleveland dist.) for 34 years. . . Alex richly merited the honors and high regard that were his for his friendliness,

## ATTENTION

## GREENKEEPERS!

At last - $\alpha 100 \%$ soluble liquid fertilizer that will help you keep those greens and fairways in better shape, with less work, the year around.
Yes sir, "Na-Churs" Liquid Fertilizer is based on a recommended formula as developed by The Ohio State University, and it contains the proper nutrients necessary for producing and maintaining greener, thicker, healthier turf.
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helpfulness and great service in building American golf. . He was one of the grand old guard who'll be missed by thousands of us.

Illinois PGA - Midwest Golf Course Supts. golf tournament rained out on May 10 at Tam o'Shanter CC. . . The boys had an informal dinner meeting and planned holding their get-together in Sept. . . . Tam's head, George S. May, had Mgr. Herb Koepke pop with champagne for the dinner crowd. . . George is the guy who helped put tournament pros on a champagne diet. . . They take it only in mild doses, though, and only for medicinal purposes after making out their income taxes. . . Some day somebody like George is coming along to put star greenkeepers in the big money spotlight.

With courses being given arsenic treatment for grubs this is a bad time of the year for members to nervously chew grass, reminds Long Island City Star \& Journal golf writer John Brennan. . . Failing to remember the name of Nebuchadnezzar the proud king who had to "eat grass as oxen" I consulted the concordance and found there were 49 references to grass in the Bible. . . Quite a few of them will console the greenkeeper and

30 years of specialized engineering in golf watering equipment assures lasting dependability when you....


BUCKNER PERFECT CURTAIN OF WATER - SYMBOL OF DEPENDABLE COVERAGE

From the smallest watering unit to the completely equipped system you will find models in the wide Buckner range to meet every requirement.

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## MODERM <br> SHARPENER

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Check these features. 1. Sharpens all reel type power and hand mowets in from ten to twenty minutes without dismantling. 2. Sharpens to extreme ends of both left and right twist reel blades. 3. 5 -inch edger to 36 inch power mower capacity. 4. Handle, wheels, roller and motor remain in place when sharpening is in process. 5. Bed knife is sharpened in same brackets that hold mower in grinding position. 6. No extra attachments required, 7. One lever puts mower or bed knife in grinding position. 8. $100 \%$ steel construction. 9. Grinding head rides on five sealed ball bearing races. 10. Small, compact, easy to operate. 11. Sharpens wood chisels, joiner knife and planer blades without extra attachments. 12. The Modern Lawn Mower Sharpener pays for itself in a matter of months.

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chairmen who have troubles. . Hallelujah, brother. . . Drop a dime on the drum and get saved.

Harry and Emma Cooper back from Hawaii on a brief trip. . . Sammy Schnelder, Fiver Oaks CC, Houston, Tex., pro, says amateur Ed White would have been in class with Nelson and Hogan if he'd made golf his business. . . Byron Nelson in line for Warner Brothers picture. . . Jimmy Demaret to do a book on his merry career as a golf headliner. . . Add to the yammering about Locke not being allowed to play in the PGA championship. . . American pros before they can play in any British money event except the British Open, must have British PGA membership cards. . . The cards cost about \$10. . . U. S. PGA admission costs about \$45. . . With U.S. PGA championship requiring about 10 days for practice and play into the finals for 1st prize of $\$ 3,500$ and runner-up money of $\$ 2,000$ a fellow like Locke could make as much money on exhibitions as he could in PGA championship competition. . . With other stars tied up at PGA, exhibition dates are easy to get at that time. . . PGA winner gets his prize money doubled by manufacturer whose clubs he plays. . . Winner also gets $\$ 250$ for each appearance at


JOHN BEAN SPRAY BOOMS are ideal for spraying furf chemicals. Separate feed lines deliver equalized amounts of material to the right, left and center boom. Boom wings fold back to ovoid obstacles, or for traveling and drag markers indicate areas that have been sprayed.

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When you equip with John Bean sprayers and special 20 nozzle weed booms, ridding fairways, roughs, greens and fences of weeds is a fost, eosy, one-man job. The John Bean weed boom delivers a coarse driving sproy with a minimum of "drift," in controlled volume for your own sprayins prectice. John Bean sprayers are aturdy and relioble and are available in on output range of 4 to 60 gallons per minuto. Writo for the name of your nearby John Bean Dealer.

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tournament clinics and top crack at some exhibition dates. . . The title should be worth about $\$ 18,000$ gross.

Harry Hillhouse named mgr., Delphi (Ind.) CC. . . Mme. Didrikson Zaharias trying to fit in Women's Western Open at Skycrest CC (Chicago dist.) June 21-26 between exhibition dates. . . The Babe could use the WW title as gallery magnetism. . . Frankfort (Ky.) CC building new clubhouse. . . Indian Hill CC (Chieago dist.) has one wing of clubhouse burned in $\$ 100,000$ fire.

Central Michigan GA to hold its first junior golf championship at Portland CC.

Work started on new Emmetsburg (Ia.) CC clubhouse. . Pella (Ia.) CC building new clubhouse. . . Jack Swink pres., new Montezuma (Ia.) CC. . . More than 50 Open and Invitation tournaments scheduled in Texas this year. . Texas GA pres., Ben Lee Boynton, says about the state's golf, "Club memberships are increasing everywhere and fortunes are being spent this year on club improvements."

Most persistent malapropism in golf is use of "invitational". . . You won't find "invitational" in the dictionary any more than you'll find "openal" or "amateural".


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## With

DOLGE WEED-KILLER on the job!
Use where no vegetation whatever is desired.

Penetrates to the roots, destroying the plants completely.

Sterilizes the soil and prevents seed from sprouting.

## E. W. T. SELECTIVE WEED-KILLER

NOT INJURIOUS to most grasses, but acts on weeds effectively.

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RIDS turf areas of dandelions, plantains and other hardy weeds . . . perfect for ragweed and poison-ivy control.

## GET All THE FACTS!

Write for DOLGE'S brand-new booklet
"CHEMICAL WEED CONTROL" -complete, up-to-date information for dealing with your weed problems swiftly,economically, lastingly.
. . "Invitational" seems to have been something committees have picked up from the lexicon of Father Divine. . . And, by the way, "caddy" is given dictionary approval in the new American College dictionary. . . The American dictionary definition of "caddy" is "caddie." . . . So it looks like the Western Golf Assn. is fighting a losing fight to have caddie maintained as proper spelling. . . We give up. . After this caddie is caddy on GOLFDOM'S style sheet. . . Such as the style sheet is.

A soil stimulant that's radioactive is being tested by the U.S. Dept. of Agriculture for the Atomic Energy Commission. . . Some tests are to be made on grass. . . Craig Wood is interested in a company which is investigating possibilities of the radioactive material on turf. . . It isn't a fertilizer but according to indications of early tests promotes plant response to nutritive elements.

Chicago Tribune's 16th annual free golf school held at Chicago parks had record attendance this year despite rain. Guymon, Okla. opens new muny course. . . Monte Vista (Colo.) CC gets lively newspaper publicity on its "youth recreation" program. . . Milton (Buster) Brown now


The perfect tining tool. You may now add your soil conditioners without compacting the greens; unbelievable speed at low cost.
Promotes root development, internal drainage, soil improvement and aeration.
Sold through distributors only. Distributors solicited.

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Improve old greens without rebuilding.

Lively suds clean quickly and easily. Contains no harmful chemicals. Will never develop any offensive odor. No muss, no waste. Convenient and economical. Glistening clean balls are easy to follow in play.

Price $\$ 4.50$ per gal.
5 gal. cans $\$ 21.50$.
(Please mention your dealer's name when ordering)

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pro as well as gkpr. at New Bedford, Mass., muny course. . Akron (O.) Beacon-Journal has feature story on Charley Burns' 16 years' operation of Akron's Good park muny course. . . Each year of Charley's operation the course has been self-supporting. . It's got a cash balance of $\$ 34,054 \ldots$ Last year the Good park course had 41,505 players. . . Burns resigned management of the course and as head of the Rubber Bowl to become Republican candidate for sheriff of Summit county.

Six weeks before Motor City invitation Open at Meadowbrook CC (Detroit dist.) July 1-4 advance ticket sale hit $\$ 40,000$. . . New England PGA to hold 8 tournaments on Cape Cod courses next October. . . Frank Wilson building $\mathbf{9}$-hole course for Max Kass at Margaretville, N.Y. . . . Brookside GC 9 -holes opened at Gladbrook, Ia. . . . New North Fork CC 18-hole course at Johnstown, Pa., designed by J. G. Harrison, opened. . . Gene Kunes opens driving range at North Randall, 0.

Dave Harris is pro and Claude Turner, formerly at Topeka (Ks.) CC, is gkpr, at Topeka's White Lakes CC. . Sherwood-at-Natick is new name of Wildwood GC, Natick, Mass.

Francis J. Hogan is


Hardie offers a wide variety of sizes and styles in high pressure power sprayers for applying weed killers, liquid fertilizers and brown patch control. The same sprayer is used for spraying trees and shrubs, for water painting and fire protection. Write for the catalog.

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X0107 is very popular. Readily taken anywhere by auto or golf tractor. Can be used with weed boom or hand gun. Delivers 4 G.P.M. at 300 pounds pressure.

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### 2.4D PRODUCTS

Weedone Concentrate 48-the concentrated ethyl ester formulation of the original 2.4 D weedkiller. Contains 3 lbs. of 2.4D acid per gallon. A powerful herbicide for the hard-to-kill weeds. Goes to work in-stantly-not washed off by rain.
Weedar 64 -the alkanolamine salt of 2.4 D . Proved more effective than the sodium salt. 4 lbs . of 2.4 D acid equivalent. For rock-bottom spraying of the easy-to-kill weeds. Not volatile -safe to spray near susceptible plants.
These concentrates are formulated for-

- Low-volume spraying - 5 to 20 gallons per acre.
- Small quantities of 2.4D-2 to 4 pints per acre.
- Amazingly low price.

Strengths can be adjusted for effective control of weeds without killing useful grasses and clover. Crabgrass, too, is definitely controlled by early spring spraying. For further information ask your dealer or write to American Chemical Paint Co., Ambler, Pa.
FREE Ask for our Golf Bulletin. Full details of latest find-


Sherwood's new mgr. . . . Angelo Saccaro has leased 9 -hole Rolling Hills course at Marshalltown, Ia. from owner George Darling. . . Emil Roewert now pro-gkpr.mgr., Perry (Ia.) CC.

Crystal GC, Greenville, Mich., bought by Joe Nodus. . . Johnny Thoren goes as pro from Denver (Colo.) CC to Myopia Hunt club, South Hamilton, Mass., succeeding Jim Fogerty who goes back to St. Louis dist. as pro at Sunset Hills. . . New 9 -hole Broad-vue course opened near Ambridge, Pa. . . . Sam Horen buys Ladysmith (Wis.) CC. . . Joe Turnesa signed as pro by Grossinger CC, Ferndale, N.Y. . . . Joe Carney goes to Mahopac (N.Y.) GC as pro. . . Stow (Mass.) CC bought by William B. Collins. . . Norbert Barbisch, Butler CC, new pres., Western Penna. Golf Assn.

Flint (Mich.) Junior Golf Assn. has a good idea for learning golf rules. . . Each rule is on a single card issued frequently to members. . . By reading and studying one rule at a time the kids learn a whole lot better than their elders. . . The plan was devised by Mrs. Donald D. Weiss.
A. S. Barnes \& Co., N.Y., Official Golf Guide for 1948, containing 1947 records,

## TIRE MATS 1-Driving Tees

Driving Range and Public Course Operators . . . here we believe is the finest tee made from tires. Designed to specifications of well-known pros, these mats are functionally ideal, reversible, and virtually everlasting. Immediate delivery. Sizes $42^{\prime \prime} \times 60^{\prime \prime}$ and $48^{\prime \prime} \times 60^{\prime \prime}$. Also special sizes.

## 2-Floor Mats

Tire Floor - Mats in long runners and special sizes for locker room, grills, entrances, and shower rooms. Pay for themselves by saving floors, spikes, and preventing accidents. Low prices due to high production.
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pro biographies, list of members of Golf Writers' Assn., records of past championships, rules of golf and much other data, recently issued. . . Price is 50 cents.
Fred Corcoran took over the late Bill Richardson's job in editing the guide and has done an excellent job.

Women's club sales at pro shops are astonishing many pros. . . Smart ones are giving women's golf apparel business a lot of study and getting good reaction to wise choice of women's items in pro shop sales display. . . Two young British pros who look like they'll be international stars are sons of pros. . . They're Laurie Ayton, Jr. and Ernest Whitcombe, Jr.

Fred Corcoran has signed Byron Nelson, Babe Zaharias and Ted Williams for a movie to be sold to television stations. . Harry Wismer will do the talking for the film. . . A fellow recently called GOLFDOM office asking where he could get golf lessons under GI teaching-payment plan. . . When told he couldn't be taught golf at government expense he said pros were being out-smarted by owners of a lot of schools who teach ex-GIs things less important than golf. .. He told us his pals were taking dancing lessons at government expense.

Western Golf Assn. 1948 supplement to

# FINE SEED FOR FINE TURF <br> It pays to get the best <br> WE SPECIALIZE IN GOLF TURF GRISS SEED 

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its caddy manual is very practical and instructive. . . WGA member clubs can get it from the Western headquarters, 8 S . Dearborn, Chicago, 3. . . May 20, USGA Green section and Burean of Plant Industry held inspection tour classes for 11th Post Engineer School, at Beltsville turf gardens and Plant Industry station. . . H. L. Wagner \& Sons, Imbler, Wash., sponsoring a $\$ 6,000$ turf research fellowship at Penn State with Green Section tie-up. . . Fellowship is for breeding and development of superior bents and fescues for fairways and lawns.

Mr, and Mrs. George L. Hall were at the PGA championship on a belated honeymoon. . . They were married at Aiken, S.C., April 7. .. George is a PGA national vp and is pro at Cornell university.
Mrs. Hall was Constance Gillig. .. George got the usual free advice from veteran husbands on how and what to teach his lovely bride. . . The brides never need any advice.

Alex Jolly, 66, widely known veteran Scotch-American pro, died May 4 at Nogales, Ariz., following a brief illness. . . Alex had gone to Nogales as pro in February from Douglas where he'd been pro for 10 years. . . Funeral services were held at

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Douglas with Masons, Elks and Rotarians from Douglas and Agua Prieta being honorary pallbearers. . . Interment was at Menominee, Mich., where Alex had served long as pro in summers. . . Alex also was pro at Ridgemoor CC (Chicago dist.) and at eastern clubs during a long and cheerful career in pro golf. . . Alex and his brothers, Jack, Bob, Dave and Bill, came from St. Andrews to be the No. 1 brother team in building American golf. . . Alex came over in 1903, 2 years after Jack, and took a pro job in New Jersey. . . He was a kindly gentleman to whom thousands, pros and amateurs, feel indebted and mourn as a true friend. . . He is survived by his widow and son, A. H., Jr.

Great job of promotion done by sponsors of the 2 d annual $\$ 10,000$ Albuquerque Open. . . Their program, Albuquerque Progress magazine special edition on the Open and other printed matter was circulated nationally among sports writers.

Publicity did good work in identifying the University of New Mexico course as a fine layout and Albuquerque as a place where golf can be played 359 days of the year. . Veteran architect and greenkeeper Bill Tucker and C. S. Lanier, course mgr , conduct one of the top public course operations in running the U . of New Mexico course.

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Edgewood Valley CC (Chicago dist.) in its 5th year employing girl caddies. . . Dick Chapman's 78-65 at Sunningdate, Eng., won the Golf Illustrated Gold Vase championship. . . Dick's 65 broke the course record and beat by a stroke the great round Bobby Jones played in winning the 1926 British Open. . . Chick Evans played this year in his 35 th Midlothian CC (Chicago dist.) Derby,

John J. Pomeroy, mgr., Red Run GC (Detroit dist.), as Pres., Club Managers Assn. of America, has appointed a committee to act upon CMAA 1948 convention recommendation of employment of full time paid executive officer for the association. . New South Wales PGA members contribute percentage of prize money and $20 \%$ of gate monies also go into the association's "provident" fund. . . James T. Skelly, pres, and pro-mgr., Lake Arrowhead (Calif.) G\&CC, rehabilitating course and clubhouse which reopens July 1 after wartime shut-down.

British PGA has accepted invitation from Ganton GC, near Scarborough, Yorkshire, for 1949 Ryder Cup matches. . . Ryder Cup matches usually are held a week before British Open. . . A British company is making a peg-type tee with no lip in front of concave section. . . Claims absence of lip prevents retarding or deflecting the ball.

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 heads having built-in volume control and automatic pressure regulator. Bradley Fountains provide adequate drinking water facilities, economically, Illustrated Leaflet W660 contains complete details. Write today ... BRADLEY WASHFOUNTAIN CO., 2359 W. Michigan St., Milwaukee 1, Wis. DistributedTbroughPlumbing Wholesalers
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MacGregor Golf's Tournament Club party was a highly popular gathering place of pros and sportswriters when the company held its annual Tournament Club buffet supper during the PGA championship. . The assembly was at Park Plaza hotel, St. Louis, May 18 and 19. . . There haven't been any scoreboard complaints from press or public at championships where Charley Kimmel is on the job.
Charley is a graduate of horse parlor boards where he learned to make the boards such works of art the patrons would feel the balm of culture even though their nags ran out.

Capt. Charles Clarke, 65, pro-mgr., Willowick GC (Cleveland dist.), died May 6 of a heart attack, in his rooms at the clubhouse. . . He'd been at Willowick since 1935. . . Before that he was at Hawthorne Valley CC (Cleveland dist.), Highland CC (Pittsburgh dist.), and Engineers' club (NY Met dist.). . . He came to Engineers in 1919 after having been wounded 3 times and badly gassed as a capt. in World War I. . . Clarke was born in Rawal Pindi, Ind., the son of a British army officer. . . He entered the army at the age of 14 and served in 3 African campaigns. . . He learned golf on the Troon course. . . For 8 winters he was pro at Fort Myers (Fla.) CC. . . He


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Designers and builders of Duro-Green portable Miniature Golf Courses.
served several terms as an official of the national PGA and was sec., Ohio PGA. . . Capt. Clarke never married. . . He was the last of his family. . . Although he was severely handicapped and suffered as the result of his war injuries, Cap never was one to complain. . . He did a great deal for golf and was a grand stand-up sportsman who endeared himself to all he met by his sense of humor, his candor and his integrity.

Smiley Quick, 1946 Publinx champion, now playing as a pro, won California Open at Pebble Beach and $\$ 750$ with 291.

Second at 294 was defending champion Art Bell. . Mike Barbato, golf coach, Louisiana State U., has fine piece in Mac-Gregor-Goldsmith Sportsvue on coaching the university golf team to its 1947 Na tional Intercollegiate championship. .. He explains his system: (1) common sense in coaching; (2) favorable climatic conditions; (3) adequate facilities and equipment; (4) support and interest of an athletic administration which recognizes the carry-over values in golf.

Loud cheers from press and radio golf writers herald Wilson Sporting Goods Co. information book on its 21 men and women pro golfers. . . The book has biographies and records of the players, records of major tournaments, and inserted are photographs of the Wilson

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staff and the Rules of Golf. . . It was compiled by Mark Cox, public relations director for Wilson.

Grange Alves, Jr. and his brother Arthur, have rehabilitated and reopened the Meadowlands fee course at Cleveland. They've got a golf range with it. Meadowlands was built by their father in 1930 and was operated by D. K. White until it was closed down in 1943. . . The Grange brothers did the work of bringing the course back into condition and enlarging the clubhouse. . Arthur had to pitch in after hours of his job with Wilson.

George Lake re-elected pres., Southern California PGA. . Harry Bassler, Bud Oakley and George McInerny elected SC PGA 1st and 2 d vps and sec.-treas., respectively. . . Braven Dyer lauded the SC PGA work and personnel in his column in the L.A Times. . Braven concluded, "Those kids who are in danger of becoming juvenile delinquents might be saved if these PGA gentlemen could be their teachers once or twice a week."

Jim Reilly back again as pro at Halesite (L.I., N.Y.) course after doing a Grade A job of increasing play after he took over last year. . . A new larkspur, light salmon pink, is called the Babe Did-

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rikson. . Peoria, III., plans increasing its 54 hole Saturday and Sunday Open prize money to $\$ 7,500$ or $\$ 10,000$ in 1949 if a few big names will be in the field. These two day open events give nearby home club pros a chance to get competitive seasoning.

Field limited to 100 will play in Parson (Ks.) CC Sand Green Open, June 19 and 20. . . Tournament will be 18 holes Saturday and 36 Sunday. . Purse will be $\$ 1,000$ with $\$ 300$ for first and trophies for amateurs. . Parsons pro Al Roberson will accept entries up to the 100 limit.
Roberson says a fast field is assured from eastern Kansas, western Missouri and northern Oklahoma.

Joe Bachunas, Sodus, Mich., has leased Blaney Park 9 -hole course at hotel on Michigan's upper peninsula. . . Bachunas also operates Tabor Farm resort and course near Benton Harbor, Mich. Players on the Tabor Farm course can pick and eat all the fresh fruit they want during the season. . . Gives golfers something to bellyache about if they overdo it. . . Freddie Micklow, age 12, hit a 4 iron

for an ace on Hillsdale (Mich.) G\&CC 145 yd. 7th hole. . . His pro, Frank Refner, believes Freddie is youngest golfer to make an ace on a regulation course. . . Any proof to the contrary?

Midlothian CC (Chicago dist.) holding its 45 th Pater-Filius championship July 8.

The event draws amateur and pro father-and-son teams from all over the country. . Club Managers Assn. of America already planning its 1949 convention which will be held in Detroit.
"Low Score Golf" by Jim Ferrier, newest of the illustrated golf instruction books due from the publishers any day now. Price will be $\$ 1.25$.

July 1,85 th anniversary of the start of the Battle of Gettysburg, fine new 9 -hole plant of Gettysburg (Pa.) CC will open formally. . . Richard A. Brown, pres.; Glenn L. Bream, vp and green-chmn., and Sam A. Mellon, pro-gkpr. . . . Nice little clubhouse in which some guy the evening of the opening day will begin "Four score and seven strokes ago . ." . .. He'll then proceed to tell anybody who'll listen all about his two circuits of the course.

Willie Hoare's 72 d birthday was May 27 th. . He's been in pro golf in the U.S. 48 years. A recent heart attack set back his recovery from illness.
(elax (Continued on page 114)


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# Vol. 22-No. 6 <br> conmis GOL PDOMS <br> JUNE, 1948 

THE BUSINESS JOURNAL OF GOLF


#### Abstract

Front cover: Greenbrier's re-opening drew the swankiest gallery of many years of golf events. Publicity on sports, picture and society pages of newspapers confirmed golf as the No. 1 "class" sport.


Negligence, Legal Hazard to Golf Clubs. Profit in Improving Pro Shop<br>Bertholy Promotes, Sandusky Golf Booms<br>What Makes a Golf Course Great<br>Beetles - Reconditioning - Drainage<br>Pros Business Expenses in Big Increase<br>By Renzo Dee Bowers 35<br>By Harold L. Clasen 40 By Hy Weston 48 By T. M. Baumgardner 52<br>By James E. Thomas 56<br>Grub Identification Important in Control By O. J. Noer 62<br>Caddymaster is Mainspring of Caddy Plan Show Craftsmanship in Club Repairing Cadmium, Base of New Dollar Spot Control<br>Installing Sod Nursery for Bent Grasses Advertising is Important Part of Pro Job Homemade Movies Help Pro Instruction News from the Manufacturers<br>By John Budd 66<br>By H. W. Thurston, Jr. 70<br>By Franklin Hammond 72<br>By John Shorey 80<br>101

## SWINGING AROUND GOLF

(Continued from page 33)
New owners of Sedgefield CC, Greensboro, N.C., appoint Mgr. Tom W. Gorsuch sec--treas. . . . Dutch National Open to be played starting July 18 at 72 holes on courses of Hilversum GC, an hour from Antwerp. . . No entry fee. . . Yank pros and amateurs with handicaps under 8 invited. . . First prize 1000 florins. . . Figure out a florin if you need the money. British PGA membership of about 1.500 considering asking Class A members to put up money for Assistants' championship.

Mexican PGA now has 25 Class $\mathbf{A}$ and 20 Class B members. . . Sports boom on in the Argentine. . . Yank pros see lots of promise in Argentinian pros and amateurs. . . Times must be getting normal again as pros are complaining, especially in smaller towns, members are "buying wholesale" again. . Bob Lavacek who was Alex Cunningham's asst. at PGA course, Dunedin, Fla., last winter, now on his first master pro job at Silver Lake CC, Rockford, Mich.

Northwood Lodge and golf course, Monte Rio, Calif., in the Russian River area, bought by Julian Langner and assoctates and being extensively rehabill-
tated. . USGA Section Affairs committee in drive to add to USGA's present 1,100 members many of the 3,700 non-member clubs. . . Robt. Romberger, 2555 Berdan Ave., Toledo, O., getting record entry list of National Lefthanders' tournament at French Lick Springs, Ind., Aug. 16-18. . . Golf practice range operators in some cities making strong play for kids business. . . Range operators are reminding parents the driving range is good preventive of juvenile delinquency.

Dr. Thomas Karp Pavlychenko, formerly prof., applied plant ecology, University of Saskatchewan, and prominent authority on weed control, joins staff of American Chemical Paint Co. . . . Driving ranges being constructed at numerous golf clubs for members' evening entertainment as well as daytime practice. . . Southeastern Turf Advisory committee to work on state legislatures for turf research funds. . . Many of those lovely Southern homes would look much better with good lawns that will be one result of Southeastern turf research. . . First issue of USGA Journal contains article by John D. Ames, chmn., Implements and Ball committee, saying rule against club grips having shaft or furrow for fingers will not become effective until Jan. 1, 1949. . . Ames says gloves having loops or pockets for holding end of shaft are illegal.


[^0]:    SANI-TREAD CO., Inc. 1722 Elmwood Ave., Buffalo 7, N. Y.

[^1]:    name

