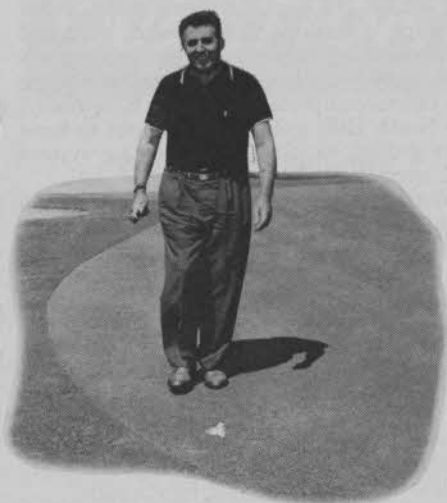


ts greens from disease all season



*Andy Mortimer,
Professional & Superintendent*

"...easier and safer to use"

"'Tersan' OM has given us the most effective disease control with more safety to turf. 'Tersan' OM controls such a wide range of turf diseases that it's a must in our program."

**Andy Mortimer, Professional & Supt.
Lakewood Golf Course
Point Clear, Alabama**



*W. Ross Bush, Superintendent (kneeling),
Jack Shields, Professional*

"...excellent control of brown patch, dollar spot and copper spot"

"This is our first year with 'Tersan' OM and we feel that its use represents the difference between having grass and not having grass under our conditions. We like the broad spectrum control of this fungicide on diseases. In addition, there was no discoloration of turf, equipment or golf balls."

**W. Ross Bush, Superintendent
Shady Oaks Country Club
Fort Worth, Texas**

Preventing turf diseases with "Tersan" OM costs less than a cure . . . takes less maintenance . . . eliminates poor playing condition during green repair. "Tersan" OM combines the recognized effectiveness of Du Pont "Tersan" 75 and organic mercury

in a single fungicide . . . does away with the need for tank mixing . . . controls an extremely wide range of turf diseases. So prevent turf diseases now instead of curing them later. Be sure to order enough Du Pont turf fungicides from your supplier.

Manufacturer's Rep Can Play Big Part in Shop's Prosperity

Speaking at a PGA Business School session in Clearwater in January, Richard D. O'Brien, Charles A. Eaton Co. sales mgr., pointed out how the manufacturer's rep can play a big part in helping a pro shop grow and prosper. Here are some of the things he brought out:

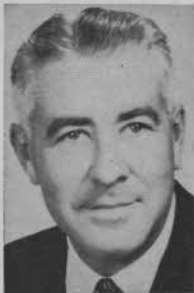
- In his travels, a rep constantly picks up successful merchandising ideas that he can pass along with suggestions as to how they can be fitted into the operation of a particular shop. He knows what is selling best in the other fellow's shop, how it can be promoted.

- Too few shops use display material and other sales aids offered by many manufacturers. They come in handy for frequent changes of displays which must be made if a shop is to retain a fresh look.

- If a sales rep is treated courteously, it can pay dividends to the pro. How? When a rep has specials, closeouts, etc., he'll think first of the fellow who has treated him with consideration and give him first chance to make money on these items.

- Recommendations made by the sales rep as to sizes, colors, styles, etc., are invaluable from an inventory standpoint. If the pro follows them, he'll rarely if ever get overstocked in slow moving items that eat into profits.

Finally, O'Brien advised that professionals are wise to stick with nationally advertised equipment and apparel. This is because their customers are not only presold by the manufacturer's advertising but are very much impressed by the fact that the merchandise they buy in the pro shop is not obtainable anywhere on the outside.



O'Brien

Kids Have Own Course in Milwaukee; "Women Only" Layout Thrives in East

Observing that kids who are left at the clubhouse while their parents play golf become easily bored and often get into a great deal of mischief, Des Smith of North Hills CC in Milwaukee decided there was only one way to correct the situation.

That was to build a course for the kids.

And that's just what they have done at North Hills.

The course is laid out on land adjacent to the club. It is owned by Paul H. Kremer, a member who has a home near North Hills.

The six holes that have been built occupy about 10 acres and when the 9-hole course is completed about 12 acres will be in use.

Yardage is about the same as at a Par 3. Supt. Charley Shiley, who designed the course, concentrated on getting six holes into play last spring and will have the others completed this year. Eventually, the North Hills greenmaster hopes to have bent greens, sandtraps, a watering system and even lights.

With kids taking increasing interest in their course, Pro Jim Milward has stepped up Junior group lessons. Special events are held regularly on holidays and weekends. Kids of 8 to 10, 11 to 13 and 14 and over compete in three divisions.

Kids' activities at Kremer's Korner, as the course is known, are supervised by Paul Dorow and his wife. Dorow is physical education major at the University of Wisconsin and his wife is a kindergarten teacher. Besides golf there is badminton, volley ball, croquet and handicrafts.

Now We Have Golf Widowers

At Lynnfield, Mass., there is a new course that is causing a revolution. It's responsible for golf widowers.

It's a Women Only course and was put in play last summer. George Page, who owns several courses in the Boston area, has made it possible. He provides a playground, baby sitters, etc. at Lynnfield so that the ladies can concentrate on canning putts instead of preserves.

The 9-hole course was designed by Bill Mitchell, North Sutton, N. H. architect, and is just about what male players consider regulation length.

Male players?

Will they get to play at Lynnfield?

That's being debated. Someone has suggested allowing them to sneak in once a week for a round but it may take some lobbying to get them in. After all, Ladies' Day and suffrage for women were a long time coming.

Massachusetts Turf Meet

Spring turf conference of the University of Massachusetts will be held in Amherst, Mar. 10-11, according to Joseph Troll, asst. agronomy professor.

GRAU'S ANSWERS TO TURF QUESTIONS

Wanted: A Reliable Course Building Code

The Penn State conference for February lists a discussion on "Relationships Between Construction and Maintenance." Without a doubt several other conference groups will discuss these and related topics. These efforts represent an attempt to develop a body of facts in an open, impartial study. Out of the mists of confusion and uncertainty can be evolved a guide a "building code," which can be made available to a committee in charge of planning a new course, hiring an architect, buying the land and working out details pertinent to completion of a successful course.

No one is more keenly aware of the need for a course building code than the supt. who must maintain the course after it is built. The pattern seems to be more and more traffic per square foot involving both machines and people. There are more players than ever before. Players start earlier and stay out later. There are more cars and carts. With more and more traffic, the players demand less and less interference from maintenance. And why not? They pay their money and they deserve to play. This dictates that every device known must be brought into action to promote easy, rapid maintenance. The place to start is in the planning committee, so that mistakes can be corrected before they are made.

There is little doubt as to the compatibility of good design and easy maintenance. A skillful builder can take the plans of a brilliant architect and create a course of beauty that offers a test of skill, yet embody all of the known and proved principles of agronomic science so that the finished course will be a joy to maintain. It's possible that perfection can be so



outstanding that players will ask in awe, "Who designed it? Who built it?" (They probably will not ask, "Who maintains it?")

Since 1927, when we started maintaining our first course, we have constantly seen the need for closer coordination of efforts among those who plan, design, build and maintain courses. There is no real desire on the part of any segment of the industry to invade another domain or to usurp the rights of another. There is a wholesome desire, and an urgent need, to provide for the players the very best course possible, playable the maximum number of daylight hours, with a minimum number of built-in maintenance headaches.

* * * * *

Winter Play Damage

Q. We would like to have your opinion on the controversy raging at our club as to whether or not damage can be caused to greens by keeping them open for winter golf. (Pennsylvania)

A. You may be quite sure that there will be damage from winter and early spring play in your district. The damage can be corrected but, in extreme cases, it may take most of the summer to bring it about. Also, considerable expense may be entailed in re-sodding, aerating, and re-seeding.

The greatest damage will come when the ground is frozen. Under these conditions damage can be very severe. The area around the cup may look like a "hog wallow" after a sunny day if many tramp in that limited area. Because of the frozen ground it is not possible to move the cup around and, therefore, damage tends to be severe.

In some areas where damage was severe and

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on the green!



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This remarkable machine, the result of several years of study at the Toro Research and Development Center, is built in three separate units: the traction unit—consisting of 3 hp engine, gear box, soft-rubber traction drums and handle; the catcher unit—connected directly to the traction unit by a supporting fork with roller; the cutting unit—a 21-inch, 12-blade reel mounted between catcher and traction unit, and completely independent of both. Units can be separated or joined in minutes—without tools.

Compare the Toro Greensmaster with any other greensmower. Your Toro distributor will be happy to demonstrate the difference *on your own greens*. He's listed in the Yellow Pages under "Lawn Mowers."

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One of the country's most complete golf setups is being built near Hartford, Conn., where a 6,500 yd regulation course, 9-hole Par 3, 40-tee range and miniature are going in. The Par 3 will be ready this spring and the other facilities at a later date. Called Grantmoor, the project will cost around \$2 million. It is being built by Newington Turnpike Assoc., composed of 11 Hartford businessmen headed by Robert M. Grant, former New England and Connecticut amateur champion. Geoffrey Cornish is the golf architect and Lou Galby, former pres. of Conn. PGA, already has been named pro. The Par 3 is lighted, fully watered and holes range from 90 to 140 yds. Half of the range tees will be protected.

there was much opposition to winter and early spring play, the supt. prepared temporary greens in front of or to the side of the regular greens. When the conditions became excessively bad, play was simply put on to the temporary greens and nobody was inconvenienced.

Not Rooted Down

Q. We have 9 grass greens and a putting clock. Our grass is good and the greens seems in good shape but they have not rooted down the way they should. Is this on account of too much water? We have fertilized plenty with fertilizer that is supposed to be the best for this locality, but maybe this is one reason why roots do not go deeper. We kept the greens plenty wet all summer and they will take water as late as August. Some say they have had too much water and are too soft, but if the greens are hard the players gripe. (Kansas)

A. From what you say the greens undoubtedly have had ample supplies of water and perhaps they have had more than they need. Yes, too much water easily can prevent or discourage roots from going deeper. I appreciate what you say about players griping if the greens are too hard, yet if they're too soft the divots are large and rarely are they fixed properly. Regardless of gripes, I would advise you to keep the greens on the firm side and try to keep them on the dry side. Dry grass is healthy grass and if there is an attack of disease, it is much easier to control it if the soil is not completely saturated with water.

It is entirely possible that the soil in your

greens is rather tight and will not let air and water easily into the soil and neither will it let the roots grow deeply. In most cases where this occurs, the situation can be corrected by thorough aeration and by adding sand to create a more mellow, open, friable condition, so that the soil and roots can breathe. Rebuilding might be necessary.

The fertilizer that you have been using carries a high percentage of phosphorus, and it is quite likely that your soils have developed a very high phosphate level. It would be well for you to send a soil sample to your Experiment station and have it checked. When results are returned, I would appreciate seeing a copy so that I may help you interpret for future fertilizer usage.

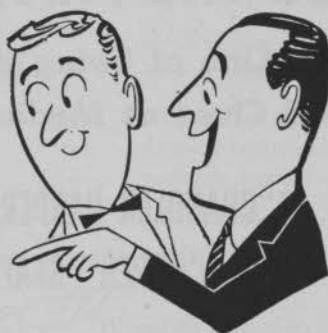
Do you have questions concerning your turf? Send them to GRAU, c/o Golfdom.

Third International Miniature

The third annual International Miniature golf tournament will be played in Asbury Park, N.J., Sept. 10-11, according to George Zuckerman, promotional dir. of the event. Inquiries as to how miniature course operators can get tournament franchises should be sent to Zuckerman at Convention Hall in Asbury Park. Last year's International winners were Brian Boor of Toledo and Raymond Paige of South River, N.J.

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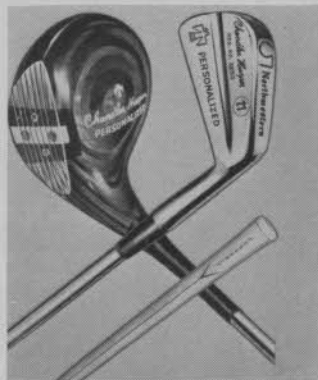
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*Advisory Staff

Swinging Around Golf

(Continued from page 20)

rather than the 400 persons it could formerly handle . . . Clubhouse also has five large private dining rooms.

Patten Seed Co., Lakeland, Ga., has combined its holdings under a new firm known as Patten Seed & Turfgrass Co. . . . It will continue to operate out of Lakeland . . . Patten recently handled the grassing of the new Retreat 9 at Sea Island which got its initial testing when the Ladies PGA tournament was held there in January . . . Golf Architect Bill Mitchell recently published a booklet, "How to Care for Your Velvet Greens," which will be followed in the near future by "How to Build A Golf Course." . . . Mitchell's headquarters are in North Sutton, N.H.

Bill Johnson, Burbank, Calif., architect, was designer of 18-hole Par 3 that is now being built by city of Burbank . . . It is expected that the course will have cost \$200,000 when completed . . . It is located in the community of Pedley not too far from California's first course which was built in 1892 . . . Joseph S. Finger, Houston, Tex., architect, has designed an 18 hole course for new Boggy Creek CC in Beaumont . . . 400 persons are enrolled in the club and construction of course will start this spring.

Finger also has started remodelling of 9 greens and re-routing of three holes for Shreveport (La.) CC . . . New practice green is being built there and club has acquired land for a practice range . . . The first 9 which Finger built for Travis AFB in Fairfield, Calif., is expected to be in play late this spring . . . The 28th National Championship of Golf Club Champions will be played at Ponce de Leon (Fla.) GC, Feb. 16-21.

In 1959, in its second year of operation, the course at New Mexico Military Institute registered 17,000 rounds played . . . This was an increase of about 65 per cent over the previous year, according to Pro Bill Oliver . . . National Sporting Goods Assn. says U.S. is on threshold of its first \$2 billion sporting goods year . . . Assn. predicts that figure will be reached in 1960 . . . Northeastern GCSA has 93 members, five of whom are charter members and five, honorary.

Work on 18-hole Par 3 Rollandia CC, near Dayton, O., gets underway . . . Plan to build 9-hole course in McLaren Park, San Francisco . . . Plan to build 18-hole county course and clubhouse in Walnut, Calif. this year at cost of \$500,000 . . . Oscar Wallack plans to build 18-hole course on 180-acre tract he owns in Yorktown, N. Y. . . . Historic Closeburn Manor, in what is known as the Timberlake area of Lynchburg, Va., will be used as a clubhouse if 18-hole course is built on adjoining acreage . . . 9-hole course at New Ellenton, Ga., to be completed this spring.

Suffolk County planning second 18-hole pub-



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UscoFlow is completely corrosion-resistant inside and out, prevents build-up of scale and deposits, hence maintains its high flow rate indefinitely. *This is the pipe that has removed the high-cost barrier in golf course irrigation.*

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