



FAIRWAYS? 7-unit Universal Frame (shown with Toro General Tractor) mows a swath approximately 17 ft. wide.



GREENS? 21-inch Toro Power Greensmower cuts closer, throws more clippings into the grass box.



UNEVEN GROUND? Hinged "wing" reels of the 76-inch Toro Professional hug ground contours.

TORO builds the right power mower for your needs!



ROUGH AREAS? Spin through grass or tangled growth with the 31-inch Toro Whirlwind. Sulky optional.



CLUBHOUSE GROUNDS? Differential on 30-inch Toro Park Special gives high maneuverability.

Reel or rotary... push-type, self-propelled or riding... small, medium or large—Toro builds the *right* power mower for every golf course need because Toro builds the world's most complete line.

Every Toro machine is tested at the only research and development center of its kind in the power mower industry. Here, Toro mowers are put through their paces on over 50 different grasses and weeds collected from all over the United States and Canada. Here, too, Toro mowers age 10 years in 10 minutes on Toro-designed "torture" machines that reveal weak spots in a hurry.

Still Toro isn't satisfied. That's why Toro backs up the power mowers built to require the least service with the industry's finest service system: 88 distributors coast to coast with a complete stock of parts and complete service facilities. See your Toro distributor soon. He'll be glad to give you complete facts and figures on the Toro that's right for you!



FREE BOOKLET! For your copy of "The Toro Story," write Toro Manufacturing Corp., 3037 Snelling Ave., Minneapolis 6, Minnesota.

TORO

MINNEAPOLIS 6, MINNESOTA

Swinging around Golf

NEWS OF THE GOLF WORLD IN BRIEF

Indian Lake (Fla.) Estates Club opens Par 3 course lighted with new type fluorescent lights that pro Bill Campbell says will cost only \$12 for 5 hours operation at night . . . Indian Lake will have its full-size 18 ready for play early this winter . . . Fully irrigated . . . Campbell believes Indian Lake will be only club with championship 18 and lighted Par 3.



Herb Graffis

Knoxville Journal carried an editorial about new and proposed highways taking a lot of territory from city's recreational areas that will have to be replaced . . . It said: "Projects of the most worthy sort are proposed, but many involve the use of public land to the exclusion of children and the general public. Free-ways (and toll roads) tend to gravitate toward park lands, apparently with the assumption that this is the line of least resistance." . . . Road planning that rates everything else as far below politicians' greed for gravy in road programs, and the power of the road-builders' lobbies, has accounted for destruction of countless millions of dollars in golf courses and other recreational facilities . . . Athletic Institute points out that recent court cases in California and Delaware ruling that lands set aside for park use could not be used for school or other projects may have wide effect in saving recreation areas.

The third daughter of the Jackson Bradleys, Linda Marie, came into this world

on June 14 while her daddy, pro at River Oaks CC, Houston, Tex., was playing in the Open.

PGA's 40th annual championship, which many feared would become just another 72 hole circuit stroke play competition, probably drew better at Llanerch in four days than the match play PGA ever did in six days . . . Estimated attendance was 45,000 . . .

Llanerch's 600 members, and officials headed by Pres. Frank W. Eichman and PGA Championship Gen. Chmn., Joseph A. Cronin, and with pro Marty Lyons, Supt. Hugh Pollock and his father, Bob Pollock, formerly supt. and now active as Llanerch's course consultant, and the club's gen. mgr., Charles Connor, had been planning and working for a year.

Dow Finsterwald's stretch run of a 67 in the final round, the near miss of Bill Casper with a 70 in the fourth round and 278 to Finsterwald's 276, and the fortunate pairing of Finsterwald, Snead and Ford for the final round gave gallery and TV viewers an exciting revision of the old man-to-man finales.

Dow Finsterwald's father, Athens, O., attorney and former Big Ten football official was at Llanerch . . . Mike Wilson, brother of Dick Wilson, noted golf architect and pro football official, also was at the PGA championship . . . George Sayers, his son and grandson, were looking over the tournament and doing some research

FRONT COVER

Dick Metz, pro, Marvin Leonard, owner and builder, and Ben Hogan, a member, are seen on the 18th green of the swank, new Shady Oaks CC in Ft. Worth which was opened for a preview late in July. Behind the threesome is the clubhouse, which considering that \$3½ million already has been spent on Shady Oaks, might give you the impression that it is only a caddie hangout. Other astronomical figures and facts about Shady Oaks, which was built by Leonard, department store owner, civic leader and financier, as Texas' rejoinder to Alaska's being permitted to share the tax burden: Clubhouse cost — \$1,200,000; Clubhouse fixtures — \$250,000; Investment in Kitchen — \$90,000; Swimming pool — \$300,000; Course and Landscaping — \$300,000. It costs \$6,500 to join Shady Oaks. Robert Trent Jones designed the course which is not typically Texan — nor Leonard, for that matter — since it is only 6,320 yards. Ralph Plummer and Charley Akey built it and Ross Bush is supt.

The TOPS in TURF!



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CONGRESSIONAL C-19 Stolons

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30 Years' Experience on
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Prices on Request

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DELIVERY**

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1958

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ROUTE 3, CONWAY ROAD, CREVE COEUR, MO.

. . . George, formerly pro at Merion and now head of a flourishing custom club-making business, says women's custom club business of 5 irons and 2 woods sets placed with him by pros has grown steadily to boom figures.

MacGregor's Tourney Club annual party, held in the Warwick hotel, 7 p.m. to midnight, July 16, was the largest since the gathering of PGA contestants, officials and their wives, press and wireless fellows, was started in 1945 . . . The affairs give MacGregor pres., Henry Cowan, and Sales Mgr. Bob Rickey a lot of exercise for their remarkable memories for names.

Plymouth Golf Ball pres., Jim Hogg, and his teammates put on a merry shore dinner party for PGA officials and press at the company's plant in suburban Philadelphia on July 15.

Jim Laverty, H&B sales rep, his wife, Cele, and their daughter entertained at a cocktail and barbecue party for PGA contestants and others at their home in West Chester, Pa., not far from Llanerch on July 15 . . . John Walter, Detroit News golf writer and pres., Golf Writers Assn. of America, and Chicago Tribune's Charles Bartlett, GWA sec., have de-

"My, the time, labor, money, sweat and tired muscles this machine saves!"

says **CARL O. WEIS**, Sup't. of Parks, Canton, Ohio



"Called LO-BLO the AIR BROOM, and in my opinion one of the most versatile machines ever developed. The rotor fan sends a blast of air scooting low across the ground at more than hurricane velocity. You walk it along "wind-row" fashion to clean an area . . . faster and better than 6 men.

We, (the Canton Park System) tried the small 3 hp size, liked it, kept it, and since have bought two more of the 7 hp size.

So much easier and faster than raking leaves, we also use our Lo-Blo machines for such chores as cleaning the barns, zoo walks, shelter areas, picnic litter, before blacktop dressing or patching roads. They save money and release manpower for the more exacting duties."

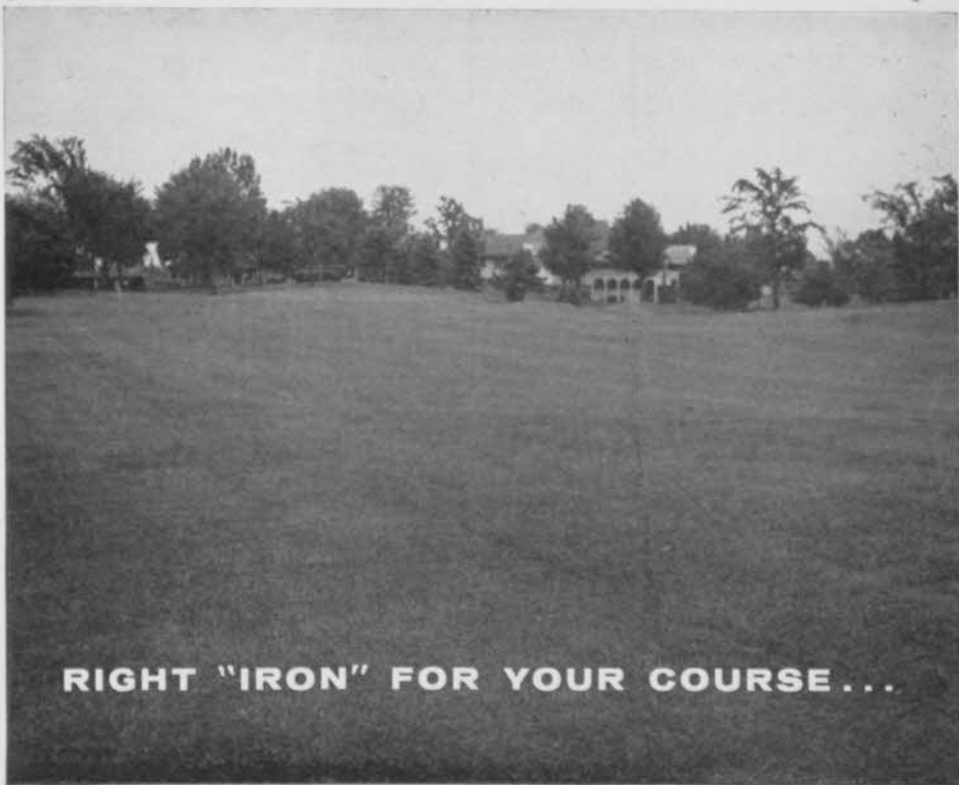
LO-BLOS ARE MADE IN 3 SIZES, STARTING AT \$139.50. THEY BLOW LEFT AS PICTURED, HAVE ATTACHMENT FOR FORWARD BLAST WITH SPECIAL DEFLECTOR AVAILABLE FOR CLEANING HIGHWAY EXPANSION JOINTS. SEND FOR COMPLETE INFORMATION OR DEMONSTRATION.

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Long lasting cast iron pipe is the choice of public water officials the

world over. It has served efficiently for over a century in more than 70 American cities... has a record of service unmatched by any other pipe.

Sizes from 2 inches. Easily tapped for sprinkler outlets. Cast Iron Pipe Research Association, Thos. F. Wolfe, Managing Director, Suite 3440, Prudential Plaza, Chicago 1, Illinois.

CAST IRON PIPE

The Standard Material



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for Underground Mains

"A beautiful green color all season—even under heavy play!"

with **AGRICO**



says Mr. Gus Aman, Supt.
Irondequoit Country Club
Rochester, N. Y.

On our recent visit to the lovely Irondequoit Country Club, the beauty and health of the grass on greens, tees and fairways led us to seek out Superintendent Aman. We asked him how he got such fine results. Here's his answer:

"I have used AGRICO for over 10 years. I'm more than satisfied with it for promoting a good sturdy turf with deeper roots.

"This year, I'm using AGRICO FOR TURF 10-6-4 with Urea-Form because of its longer-lasting qualities. My greens have held a beautiful green color all season—even under heavy play. I'm sold on the AGRICO formula!"

- Make plans now to use AGRICO this season and be sure to include it in your Fall feeding program. See your regular AGRICO supplier now, or write to **THE AMERICAN AGRICULTURAL CHEMICAL CO.**, New York 7, N. Y.

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America's Premier Golf Course Fertilizers

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the Better, Natural Organic Fertilizer

livered to Charles E. Krampf, pres., and Jimmy D'Angelo, pro, of Dunes Golf & Beach Club, Myrtle Beach, S. C., the "Freeloaders" trophy which golf writers presented in appreciation of Dunes club's hospitality to golf writers at their annual championship each Monday preceding the Masters.

John McDermott, first homebred winner of the U. S. Open (1911 and repeating in 1912) was at the PGA championship looking in good physical condition . . . History of the St. Paul Open championship is being compiled . . . The event was one of the earliest Jaycee-sponsored affairs on the tournament circuit.

The 28-year-old Finsterwald is a champion who is highly creditable to the PGA and its members . . . He's got a lot of class, good breeding and good manners . . . The same can be said for the champion he dethroned, Lionel Hebert, and to whom he lost 2 and 1 in the 1957 PGA final at Dayton . . . The Hebert brothers, Bill Casper, Ken Venturi, Mike Souchak, Arnold Palmer, Fred Hawkins and other young men of that type are show-window exhibits of which pro golf can be proud.

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FIBER GLASS

FLAG POLE

- Strong
- Tapered
- Sturdy
- Unbreakable

Furnished complete with ferrule and swivel - 7 ft. or 8 ft. lengths - lustrous white with red stripes - also available in yellow and black. Write for special Bulletin C208.

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Here's a team to tame your rough!

NEW FORD WORKMASTER AND ROTARY CUTTER

Free-swinging blades under the heavy duty shroud of this Ford Rotary Cutter shred and spread grass, weeds—even brush—in a full 5-foot swath... mow at three times the speed of conventional mowers. It's an excellent tool for keeping your rough "in hand," for reclaiming waste areas, for autumn mulching, and also for use on fairways when the tall weeds "get away" from reel-type mowers. Exclusive Ford safety features help prevent scalping of sod or formation of turf-smothering windrows.

Its power partner, the hustling new Ford Workmaster Tractor, is only one of the many new Fords in gasoline, diesel and LP-Gas models—all available with such work-easy features as power steering and an over-under auxiliary transmission giving 12 speeds forward and 3 reverse. Get details today from your nearby dealer, or write to Industrial Sales Department, Tractor and Implement Division, Ford Motor Company, Birmingham, Michigan.

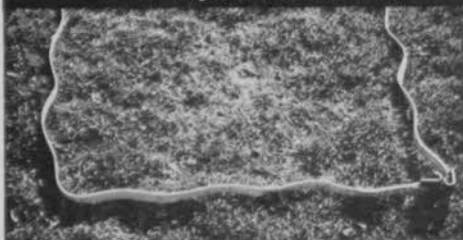
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BECAUSE THEY SAVE
MORE MONEY!**



HANDLE ALL THESE JOBS AND MANY MORE... AT LESS COST!

"What a Difference!"

says Elmer Michael



Without Terra-Lite: spotty growth, poor results.



With Terra-Lite: strong, even stand of grass, no bare spots.

"Super" Tells How To Get Dense, Springy, Carpet-like Turf!

"The photos above taken at our Oak Hill C.C. (Rochester, N.Y.), show how I became convinced that Terra-Lite vermiculite soil conditioning relieves compaction and drainage problems—speeds-up germination, gives a better stand of grass."



Elmer Michael

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Bolt grew large galleries and acted like a grown up gentleman sportsman . . . He is a charming fellow when he quits playing baby . . . It took golfers long before Tommy some time to realize that there's a big difference between laughed at and being laughed with as a competitor . . . The Jack Burkes are going to be papa and mama again in November.

Home clubs pros who played in the PGA weren't altogether happy about the switch to stroke play . . . They commented that about the best that a fellow holding down a club job would expect against the tournament specialists was a tie for 20th place . . . But for a strictly cash show the prospect of a home club pro knocking out a tournament star in an early 18-hole round doesn't appeal to the sponsoring club.

At Philadelphia some home club pros were talking about more voting by secret ballot of individual members on matters of general importance . . . Critics of the present method of delegate voting say it is too strongly influenced by electioneering or fast and fluent spell-binding at PGA annual meetings . . . The members at large don't get a chance to study the propositions and personnel and express themselves until too late.

Harlan Will and his father, Rudy, will

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Now every course budget can provide for uniform density greens that give the perfect putting surface.

Vertical cutting greens ahead of your regular greens mower will thin the dense areas and literally stand the grass on end for a perfect trim.

Now a vertical cutting machine at 1/4 the usual cost can also be used for tee and shoulder renovation. Write for a demonstration now, so that your budget can provide for an economical HENDERSON Contour Thin-Cut.

Your course can have those predictable greens without slow and fast areas — perfect green uniformity for perfect putting.

FOR 1/4 THE COST of other machines your course can now have perfect putting surfaces. The answer to your budget problems, too.

VALUABLE BOOKLET FREE



Written by a well-known turf-grass specialist, this complete, concise booklet on the effective use of the "thin-cut" assembly in turf renovation and crabgrass control is available to you without cost or

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AQUA-GRO GREENS



**PLAY
BETTER
Require
Less
Frequent
Watering**

Many greens and tees have a long history of drying and hardening during the playing season. These areas require extra labor for frequent hand-watering. Aerifying is often ineffective and undesirable and may leave a poor playing surface. AQUA-GRO's uniform wetting softens all the treated areas, produces denser turf. This better playing surface requires less labor and less frequent watering.

"Softer, easier to walk on . . .

The Aqua-Gro treated greens would hold a shot better, and it was easier to tee-up a ball on the tees." — Joe Sylvester, Supt., North Hempstead Country Club.

"No soggy turf for champion Milwaukee Braves.

Players say there is a softer feel to the Aqua-Gro treated ground and they like it, especially Eddie Matthews at third base, who wants conditions exactly to suit him." — Park Maintenance, June, 1958.

"Less frequent watering.

Green No. 8 was hard and required frequent watering to keep it softened for golfers. After one full treatment with AQUA-GRO, it was possible to maintain a soft green with an infrequent watering schedule." — Ray Schurtz, Scioto Country Club.

As "Wettie Wetdrop" says:



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730 Lancaster Ave., Bryn Mawr, Pa.

have their Fairview G&CC, Lebanon, Pa., 18-hole course designed and built by Murray and Roberts, open in June, 1959 . . . Lot of opportunity for variation in distance and design of holes provided by tees slanting at ends of fairways . . . Toney Penna at PGA with newly designed wedge that MacGregor will introduce in its 1959 line . . . He was getting pros to check on his aim at making it a highly useful weapon for the average golfer.

Harry Moffitt, former pres. of PGA was at Championship on one of few trips he has taken away from his job as pro at Heather Downs CC, Toledo, since completing his PGA term last year . . . A PGA president gives more time, effort and money to the service of his fellow pros and golfers in general than is realized . . . Or appreciated . . . Harry says women's play at Heather Downs has increased greatly . . . He also comments that women's increasing interest in pro shops is calling for the highest type of housekeeping neatness and storekeeping attractiveness in these establishments.

Billy Eckstine, headline Negro singer, is campaigning for building of first class Negro private country clubs in New York, Chicago, Philadelphia, Los Angeles and

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