Why

GOLFDOM

produces more sales for its advertisers:

Pro Shop Buyer says: "We are always looking for new items, both in sportswear and golf equipment. We feel that the Buyers' Service has been most helpful." Ward Everitt, Shawnee CC, Shawnee-on-Delaware, Pa.

From a Course Manager: "GOLFDOM magazine is a God send! Not only does it give news of what is going on in the world of golf but its advertisements and its availability of obtaining information thru the Buyers' Guide really does a job!" James Jicha, Whispering Hills G&CC, Titusville, Fla.

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Agronomist comments: "This (GOLFDOM) is seen more often on golf course superintendents' desks than any other publication. We feel you cover the field well." Emory J. Carney, Cal-Turf, Inc., Camarillo, Calif.

Club President says: "Very well satisfied with GOLFDOM and the services received. We really rely on it for our course operation!" John H. Hamann, Pocahontas GC, Pocahontas, Iowa.

Pro-Manager writes: "Vitally important to golf . . . the best I've found in my 18 years at Storm King. I find it (GOLFDOM'S Buyers' Service) most beneficial by bringing my attention to items and suggestions I definitely would be unaware of." Frank Moore, Storm King CC, Cornwall, N. Y.

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Superintendent ..

Wally Williams, Murphy, N. C., heads Tomahawk Development Corp. that is to build 9-hole course near Murphy . . . Cal Nordstrom and others to build nine near Green River, Wyo. . . . Jess Kauffman is construction supt. and will continue with the club.

Jules Platte to be gen. mgr. and pro of Villa Monterey CC, Scottsdale, Ariz., being completed for September opening . . . Joseph P. Annecelli now pro at York (Me.) Golf & Tennis Club, succeeding Willie Wilson who retired from the York golf job after 60 years . . . Jack Garner now pro at Twin Lakes G&CC, Norman Okla. . . . Jimmy Vaughan is pro at the new Heather Hills CC., Indianapolis . . . Pete and Alice Dye designed and built Heather Hills.

Eddie Greenwald, 56, for past 30 years owner and operator, Currie Park range, Milwaukee, Wis., died of a heart attack on the 9th fairway Milwaukee CC, May 21, while watching his sons, Guy and William, compete in a U. S. Open qualifying round . . . Eddie, with his brothers Phil (pro at Hinsdale (Ill.) CC and Elmer, range owner at Miami, Fla., had started in golf as Milwaukee CC caddies . . Eddie served as pro at Indian Lake CC, Manistique, Mich., and at Merrill (Wis.) CC prior to starting the Currie Park range . . . His widow, sons, Guy and William, daughters, Susan and Delome, and his two brothers survive him.

Valley View GC 18 opens at New Albany, Ind. . . . Bus Schulz is pro . . . Bill Diddle designed the course . . . Frank Zoeller is pres. . . . Marco Marinello buys Wyckoff Park G&CC in Holyoke, Mass., the only 18-hole course there . . . Marinello had operated the course for seven years with option to buy . . . Building second nine of Indian Hills CC, Tuscaloosa, Ala. . . . Jackie Maness is pro.

Reservation GC, Mattapoisett, Mass., celebated its 67th year by building a new course maintenance headquarters for veteran supt., Gil Johnson . . . Bill Casey now supervisor at O. B. Keeler course in Marietta, Ga. . . . Getting big play is the recently opened Veterans South Branch Parkway municipal course at Springfield, Mass. . . . Johnny Raimondi is pro.

Edward G. Taylor now pro-mgr. Forest Park CC, Adams, Mass. . . . Anthony Belpulsi now supt. of Amsterdam (N. Y.) municipal course . . . First nine of new "Who was that battery charger I saw you with last night?"



"That was no battery charger.
That was my Kohler Engine.
I never feel run down since
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There's no profit—or fun—in a golf car tied down for hours with a battery charger (or with a dead battery on the 14th hole). Solution: A Kohler gasoline engine. Because Kohler has many years experience in adapting engines to golf cars. Air cooled (no water). Expertly machined and tuned to run all day on a gulp of gas (and occasional drop of oil). Write Dept. E-605 for information.

Engineers, see Sweet's Product Design File.



The Chamberlin Ace III, manufactured by Chamberlin Metal Products Co. Frankfort, Michigan. Powered by Kohler 7 HP Engine K161S.

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June, 1962 93

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- 4. One Man's Time Eliminated in Fertilizer Application. (It used to take 2 men* to raise one 80 lb. bag to hopper of Belt Spreader. Now, the operator loads it by himself.)
- 5. Less Fatigue Ease of handling the new 50 lb. bags now more than compensates for the extra number of bags per ton - from the fatigue standpoint.

*One Parks Dept. rules that 2 men have to handle any container heavier than 50 lbs. Bagging Automation is most economical with 50 lb. bags.

THE SEWERAGE COMMISSION

MILWAUKEE 1. WISCONSIN

18-hole Miami Whitewater course of Hamilton County Park Commission opened in suburban Cincinnati . . . Nine-hole course on infield of Del Mar, Calif., race track being considered by directors of the San Diego County Fair . . . E. G. and R. F. McCly. Spirit Lake, Ia., and Glenn Oatman, Pochahontas, Ia., to build Okoboji Vue GC . . . Mission Homes, Inc., Missoula, Mont., to build course as feature of resort at St. Mary Lake.

Many small country clubs putting in swimming pools . . . Price is right and the pools bring the kids . . . Several newer country clubs are getting golf range and pool operating first to get quick action in selling memberships . . . Pekin (III.) CC expects to be playing its new course soon . . . Club got a good deal selling its old site and moves onto a modern course surrounded by a subdivision . . . General Washington CC, in Philadelphia's suburban Audubon shows prospective members the new course from helicopter.

During clearing for construction of Diplomat CC's second 18 at Hollywood, Fla., workmen ran across a moonshiner's still . . . Plum Brook CC, Sandusky, O., spending \$250,000 enlarging and modernizing clubhouse . . . They're talking about a near-miracle at Salt Lake CC, Salt Lake City, Ut., where course revision with 18 new greens (Ralph Plummer, architect) and complete new watering system didn't beat members out of one day's play . . . Salt Lake CC supt. is Robert Shouse . . . Deercrest CC, Greenwich, Conn., bought by Mal Deitch and Dr. Joseph Goodstein who operate Shorehaven Beach Club . . . Change the Deercrest name to Green Hills CC.

Open 18-hole East course of the Knoll, Boonton, N. J. . . . Joseph Aiello is owner . . . Phil Zulo is pro . . . Course is 5,600 yds. long, has five Par-3 holes . . . Dues are \$350 or \$120 in annual dues plus green fees . . . Kimberton (Pa.) GC opens new 18 with Paul Hahn exhibition . . . Tiny Padone is pro . . . "Red" Hamilton now pro at Otzinachson CC, Milton, Pa. . . Robert Rogers now pro at Bronson's CC, Huntington, Conn.

Joseph Belin, Milwaukee real estate man, to build course in Franklin in Milwaukee's south suburban area . . . Mickey Lane from Crystal Spring GC, Haverhill, Mass., to pro job at Bradbury CC . . .

(Continued on page 138)



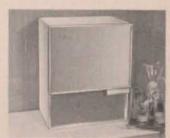
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Grau - How Nitrogen Works

(Continued from page 40)

Soil microbes help to produce waterstable soil aggregates (crumb structure) which improve aeration and drainage. The cells and filaments, plus the gums and the decay products produced, all serve to bind soil particles together. The aggregating effect readily will be reversed if supplies of organic materials (food and energy) are not kept adequate and continuous. Under conditions of flooding or excessive irrigation it is possible for microorganisms to clog the pores of fine textured soils.

(The second part of this article will appear in July Golfdom.)

Thatch Elimination

Q: I have just taken over a Club through an entirely new change in management. I am in charge of the course as well as golf, so I would appreciate your opinions and comments on the following.

We have under the greens, one of the heaviest cases of matting that I have ever seen. The thatch will, I am sure, measure between 1½ to 134 inches. This is on every one of the nine greens. My plan is as follows: Aerate a minimum of three times this season, with a very extensive triple aerating in the fall. Topdress after each aerating, using three parts sharp sand mixed with one good soil, plus fertilizer. On some of the greens that have had snowmold, use the same methods, but seed amply those spots.

Due to the close knit of Astoria bent, some of the staff are reluctant to topdress, feeling that any amount of topdressing will choke out the grass now on the greens. Due to the lack of previous topdressing, these greens are very bumpy, and of course the ball does not have a chance to roll true, despite the fact that ample 8-6-4 is used, along with a high liquid nitrogen application. It is my opinion that we will not be able to have smooth greens unless we smooth them up with a reasonable amount of topdressing.

Feeling that the greens are well built for drainage, some want to strip the greens this fall, cut the sod from the greens barely below the thatch line, recondition the soil underneath the greens and replace the sod.

I feel that continued aerating, plus my plan outlined above, will eventually bring the thatch under control. Please advise what you believe is the best method to use in this case. (New York.)

A: The aerating - topdressing - fertilizing plan is the most sensible, everything considered. Your greatest need now is to provide the best greens possible for your players. You may be sure that light topdressings of the 3-1 mix will not choke the grass. Heavy applications could cause



This is one of a series of True Temper Golf Shaft Advertisements appearing during the spring and summer in

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trouble. How weed-free is the soil?

Your best approach is to aerate to remove the thatch. The green will be as smooth as, or smoother than it was when you started, if you topdress lightly to true

the putting surface.

The plan to strip and then re-lay the sod in the fall after reconditioning the soil leaves me cool. No provision seems to have been made for getting rid of the trouble. If the sod were to be cut just below the thatch line and then replaced, you would ask for trouble. In reseeding, we suggest Penncross bent seed at no more than ½ lb. to 1,000 sq. ft.

Brush or Comb

Do not neglect the very important considerations of having a brush or comb on the greenmowers. Also, occasional vertical mowing for thinning the turf and preventing accumulation of thatch is recommended.

Have you determined under what management conditions the deep thatch was able to accumulate? How often and how closely are the greens mowed? Are they kept saturated so that organic material cannot decay?

British Foundation Has 12,000 Kids Learning Golf

British Golf Foundation, in its ninth year, reports that 12,000 boys and girls in 480 schools have received golf instruction through the Foundation program. In addition, 3,837 youngsters have had Foundation instruction services through an arrangement with the Central Council of Physical Education. The Foundation's work with the Ladies' Golf Union in a training plan also has been highly effective.

British golf manufacturers contributed the equivalent of about \$9,000 to the Foundation's budget. British PGA members, in their "week" of fund raising for the Junior golf education project, raised about \$3000. The British Golf Foundation operates about \$6,000 in the red

for the year.

Caddies Benefited

National Golf Fund's biggest allotment in 1961-62 was to the Caddie Scholarship Fund. It amounted to \$12,500 or one-fourth of the funds allotted.

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