

Invitation to the TEE



Left: GF-52



Right: GF-5,

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our course. To these we apply Malic Hydrizide to reduce or stop growth. We also plan on using this material in the near future to eliminate the frequent hand trimming of the hedges and ornamentals around the club house. Power companies are using the product to reduce tree trimming around power lines.

We planted a number of small trees several years ago. We knew we should keep the ground around the trees open so the water could get to the roots easily. Open ground also keeps the large mowers from coming too close to the tree and breaking the bark. To hoe is time-consuming and even one week makes the area seem unkempt. We use Simizan which acts as a pre-emergence herbicide for any growth, yet will not harm any tree or ornamental even if sprayed on the foliage. We then dress the area with wood chips, leaving it somewhat beautified and more playable.

These cases are, I think, generally new in grounds maintenance. The use of chemicals is limited more by imagination than by any other factor. Labor savings

often pay for the chemicals. Today the supt. has only to recognize what he wants to get rid of and then select the proper material.

Drainage Renovation

(Continued from page 34)

Burrows prepared a survey for city officials calling attention to the necessity and advantage of installing a new drainage system. In it, Burrows pointed out that the Glencoe course is inundated in spots until late in the spring and following heavy rains, many low areas remain under water for as long as a week. This, the Glencoe greenmaster pointed out, results in the onset of destructive diseases such as pythium.

Drainage Flow Reversed

"Forty years ago when the course was built," Burrows' survey continued, "Glencoe's tile drainage system was adequate to carry off excess water. But with the construction of real estate developments in the vicinity of the club, outside water

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Paul Weldin, Jr., Superintendent at the



Kennett Square G & CC, also reports a marked improvement in the quality of his top dressing. The POWERSCREEN-produced top dressing is finer and more homogeneous than manually screened materials—has done away with clogged spreaders and eliminated pebbles on the greens.

Find out more about the POWERSCREEN and its 3-way payoff in economy, speed and quality. Request Bulletin PS-30. Or, better yet, contact us for a free demonstration.

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Growing Turf The Hard Way



By **TOM MASCARO**

Geographical Area: Southern State

Problem:

Tractor in need of major overhaul
SOLUTION

If women drink anything stronger than ginger ale at bridge parties, ask club officials to route them via driveways that aren't close to the maintenance building.

from them seeped onto the course, doubling the drainage burden."

In effect, the drainage system was reversed. This is not a condition peculiar to Glencoe GC. When there were no real estate developments adjoining relatively isolated courses, drainage ditches built by club maintenance departments were sufficient to carry off excess water. Now, in many cases, ditches and outlets installed by home developers are higher than the fairway levels of clubs which they adjoin.

Covers Five Years

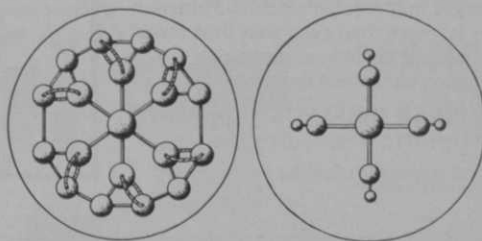
Glencoe's renovation program will go on until 1969. In one large area, covering approximately five holes, tile was not installed when the course was built. In another equally large section, the tile that was installed is plugged, rotten or broken. To alleviate flooding, it was recommended that a lake be constructed on the back nine, with an 18-inch line running into

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it. It was further suggested that a low lift pump be used in removing the water to the lake. A storm drain, the existing ditch and lagoons are also employed in Glencoe's drainage system.

Look for Outlets

In planning course drainage systems, Killian and Nugent first survey the entire layout with a view to using all possible outlets for drawing off water. This entails running drains from greens, traps, approaches and tees, and, of course, problem areas such as swales. When lakes are constructed, provision is made for free flowing ingress of drainage water, impounding of enough water to maintain a hazard and a pumping system to carry excess water to storm sewers.

In presenting a proposal to a club, the architectural firm not only stresses the advantage of installing or remodeling a system that will carry off excess water, but emphasizes the agronomic factors involved. Generally, these are the removal of excess water that suffocates turf and prevents the circulation of necessary air

and nutrients among the grass roots. When roots are waterlogged and there is no chance of relieving the saturated condition, turf killing diseases such as pythium have a perfect breeding medium.

Because they have become so immersed in straightening out drainage problems in the last two or three years, both Ken Killian and Dick Nugent have come to the conclusion that irrigation perhaps is being overdone and drainage is being neglected. The demand of golfers for spongy fairways and even softer greens is at the root of the evil. This is not going to change and so supts. have no choice but to live with it. If the supt. had the manpower and facilities to water moderately and more frequently, and wasn't forced to over-irrigate when he turns on the automatic system or sets out the sprinklers, the drainage problem would be minimized. But as long as he has to pour on the water he had better have a good drainage system. Otherwise, he is going to be swimming in diseases such as pythium and others that are induced by oversaturation.



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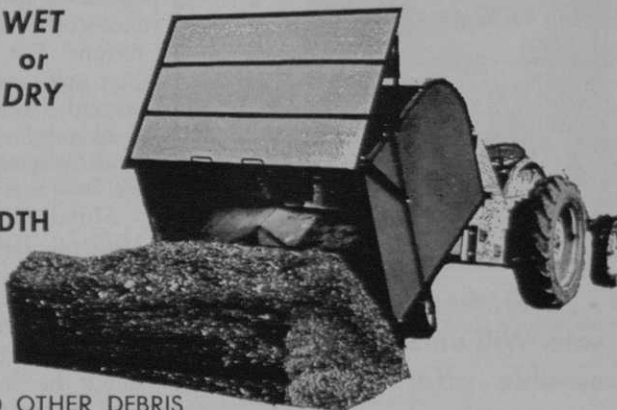
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George Boutell (r) defeated Jim Hardy, 1-up, in the 36-hole final of the Trans-Mississippi Championship, played at Kansas City CC in July. Hardy came within one hole of catching Boutell on the 35th but could get no better than a halve on the 36th. Jim Jamieson of Moline, Ill. was the medalist of the 62nd Trans-Miss, which featured a field largely made up of college stars.

Not a Clearing House

(Continued from page 44)

extent that Mund recently built a wire screen over a golfcart so one of the boys can pick up balls while the members are practicing.

Winter Sideline

Always seeking new ways to promote income and interest, Wally rented out ski-mobiles last winter from his pro shop. Members got a kick out of propelling the motorized sleds over Midland's sloping terrain. For Mund, it was like keeping his golf car business going the year around. "We had very good business on weekends," Wally notes. "It certainly made it worthwhile to stay open all winter."

Mund, celebrating his 30th year as Midland Hills pro, cautions the young apprentice: "You have to learn to throw the clock away," he says. "In a golf shop you work strange hours. If a young pro is about to get married, one of the wisest things he can do is make sure his wife realizes there are long hours in this business. It's a lucky young pro who has an understanding wife."

The shop crew at Midland alternate its noon lunch schedule, some eating early and some late, but the entire staff is on duty during the busy period from noon



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A leading turf expert stated recently, "Now that the quality of turf developed from commercial Penncross seed seems to be deteriorating (production fields appear to be left down too long) turf men are looking to the old standard stolons."

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See page 135 in the 1965 PGA Championship Annual

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until 1:30. Mund, ubiquitous as a fly during the heavy rush, usually postpones his lunch until 2 p.m.

Generally speaking, Wally can decide very early in a young employee's career if he has the qualities for success in the pro field. "I give my assistant professionals and teaching aides about two years," he says. "If they haven't progressed to the point where I believe they should be by that time, I advise them to get out of the golf business. I did that to a young man here, several years ago. He followed my advice, and today he is a successful clothing store operator, with hours and problems a good deal more stable than mine."

But long hours and knotty problems have never managed to blunt Mund's enthusiasm for his work. At 55, he is going stronger than ever, constantly moving ahead with new ideas and new promotions. His golf shop serves as a perfect showcase for all that creativity and energy.

Provision for Amateurs

Engadine GC, St. Moritz, Switzerland, which will hold its fourth Open, Aug. 22-25, has made provision to keep amateurs competing for three days. A program will precede the Open and on the following two days a special tournament covering three flights will be held for those who don't play for pay. The three Engadine Opens have been won by Bob Charles, Neil Coles and Cobie LeGrange. Luxurious hotels and unsurpassed scenery are offered as additional lures to bring golfers to Engadine and St. Moritz.

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