

Clippings

Brief bits of news from in and around the golf business. . .

A Pennsylvania research team is doing research on deer fences. An eight-foot fence is too expensive. Alternatives include a slanted fence of six-foot mesh at a height of four and one-half feet. Deer couldn't go through and the wire overhead prevented most from jumping. Because some did jump, the team is testing a higher fence of 14 wires rather than mesh. Most promising is electric fence with high tensile strength wire to prevent the deer from breaking it. The team must perform more research before it can recommend, however.

Green fees in the Cleveland (Ohio) Metroparks System have been raised for the 1980 season. The raise was as low as 15 cents at one course and 35 cents at two others. The three other courses ranged inbetween. Planned improvement includes rebuilding some tees, installing fairway sprinklers, blacktopping cart paths, and replacing rain shelters.

Boca Greens CC in Boca Raton, Florida is costing a cool \$3.8 million. **Mark Bailey** was hired as superintendent before construction began to work with architect **Joe Lee**, to incorporate maintenance into design of the course.

The West course at the **Grenelefe Golf and Tennis Resort** near Cypress Gardens, Florida, has been voted as the top course in Florida by the readers of **Golfweek**, the official publication of the Florida Professional Golfers Association. This is the second straight year the course has received that honor.

We received a newspaper clipping from **Vincent Argondezzi** about a new course in Pennsylvania. The clipping began: "A new golf course—almost as rare these days in the Delaware Valley area as a cut in taxes. . .". The course is located at Mount Airy Lodge off Route 611 near Mount Pocono, Penn.

The New England Golf Course Superintendents Association is proud that **Guy Tedesco**, golf director and superintendent at New

Seabury, has been elected to the Massachusetts Golf Association, a first for a superintendent. Tedesco commented in the NEGCSA Newsletter "I'll be in there pitching for the golf course superintendent. What I hope to do is make all golfers aware of the magnitude of our job as superintendents on the basis of things over which he has no control. I'd like to change all that."

Stanley Thompson, a noted architect in the development of golf in Canada has been inducted posthumously into the Canadian Golf Hall of Fame. When he died, in 1952 at age 58, Thompson left 200

courses, including courses in Brazil, Colombia, British West Indies and the U.S.

George Burgin, superintendent of the Atlanta Country Club in Georgia, has received the first combined PGA Tour-GCSAA Citation of Performance. The award was presented on the basis of Burgin's knowledge and performance within his profession, his cooperation with the PGA Tour in preparation for the Atlanta Classic, and his length of service. Burgin has been a member of GCSAA for 23 years.

Dan Jones, award winning

editor of *The South Florida Green*, official publication of the South Florida GCSA, has left Turnberry Isle CC (formerly Adventura) for Banyan CC near West Palm Beach.

Donald E. Padgett II has been named director of golf at Firestone CC near Akron, Ohio. Padgett will be responsible for the golf program for members and their guests.

Nick A. Siemens, a well-known Western golf course contractor, has been elected the 1980 president of the Golf Course Builders of America. Siemens heads Siemens' Contracting Inc. of Fresno,

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Idea file

Hydraulic oil—a grass killer

Gary Morgan, Superintendent,
Sherwood Country Club,
Titusville, Florida

You say you have a problem with hydraulic oil leaks on your greensmower or tee mower and your mower operator has mowed six or seven greens or tees before he noticed it? Here is something you might be interested in.

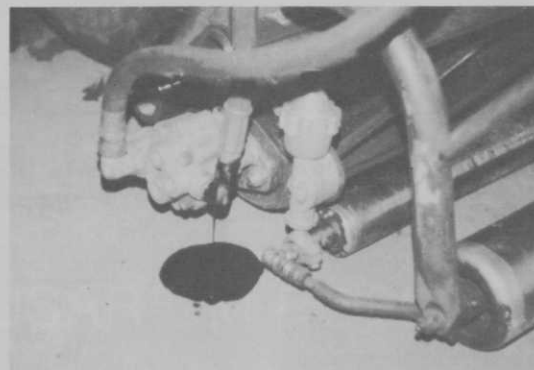
At Sherwood Country Club, the oil we used in the hydraulic systems on the Toro Greensmaster III looked clear. When a leak would appear on the mower in an area that was not readily noticeable by the operator, there was a possibility that 6 or 7 greens or tees could be mowed without knowing there was a leak.

Our problem was that when there was a dew on the bermudagrass the oil blended in and could not be seen until the dew was off. And of course, by then, it was too late. This would result in 6 or 7 greens with 15 or more oil streaks on them that had to be charcoaled and soaped in to protect the grass roots. This is a very messy job to do and aesthetically looked bad for the golf course.

The greens would look terrible for weeks until the Bermudagrass would repair itself.

My Assistant Superintendent, **Bill Sheffer**, and I realized there was no way we could stop the leaks, but we could make the leaks noticeable to the operator. **Bill Sheffer** suggested a dye or stain for the oil to change the color.

We then contacted the University of Florida's Engineering Department. We were told that there were dye's and stains available from Eastman Kodak.



I contacted Eastman Kodak in Rochester, NY, and was told to contact their central Florida distributor, Fisher Scientifics, Orlando. Fisher informed me that they had a **crimson red** fat stain but they didn't know the application rates or anything else about the stain. I then ordered a case of stain (six 25 gram jars) to test on our mowers. After testing we agreed that in the hydraulic systems of the Toro Greensmaster III that 25 grams would work very effectively.

Since we added the stain to the mowers (1½ years ago) we have had nothing but success.

We have had two hydraulic lines blow out on us and the mower operator, seeing the red streak on the green, has immediately stopped and shut down the mower. So instead of 6-7 greens (15 streaks/green) we now have one green with one small streak.

The stain has not affected the operation of the mower at all. There have not been any worn seals in the hydraulic system.

Some other advantages to the stain are that it shows you where you might have loose fittings on the hydraulic lines and on the hydraulic reel motors.

The stain doesn't have the approval of Toro and Jacobsen yet for their warranty machines, but after 1½ years it has worked fantastic for us. A lot of superintendents here in Florida are now using it in their greensmowers.

If this can help you and your operations, as it has ours, it has to be a success.

Dye Name—**Sudan IV, S667**

Dye Color—**Crimson Red**

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California which has built more than 80 golf Courses. In addition, Carl Hedlund, sales representative for Advanced Drainage Systems Inc., was reelected as secretary and James J. Kirchdorfer, President of ISCO Inc., was reelected as treasurer.

Professor of Agronomy and Extension turf specialist John F. Shoulders has retired from the Virginia Polytechnic Institute and State University after 28 years of service. Shoulders was named a fellow in the American Society of Agronomy in 1977, the highest honor that organization bestows upon its members. Shoulders plans to remain in Blacksburg and maintain an interest in turf programs.

The 1980 Yearbook and Directory of the Golf Course Builders of America is now available without charge from the association's headquarters, 725 15th St., N.W., Washington, D.C. 20005. The 52-page booklet lists the names of GCBA golf course contractors, their qualifications and identifies the golf courses they have constructed throughout the country.

The Proceedings of the Wastewater Conference, which includes 20 papers on the use of effluent from sewage treatment plants and wastewater from other sources for irrigation of golf courses, are available for \$10 from the American Society of Golf Course Architects Foundation, 221 N. LaSalle St., Chicago, Ill. 60601.

Bibliography and Literature Review on Sewage Utilization for Turfgrass Purposes has been completed by A.E. Dudeck and C.E. Donoho, University of Florida, together with A.J. Turgeon, O.L. Heinzen, and G.E. Stout, University of Illinois, under a grant from The Toro Company administered by the U.S. Golf Association Green Section under a special project program of the American Society of Golf Course Architects Foundation. Copies are available at a cost of \$10 from The ASGCA Foundation, 11 South La Grange Road, La Grange, IL 60525.

Alcohol fuels continues to be an important topic. A 160-page manual titled *Fuel from Farms: A Guide to Small-Scale Ethanol Production* is available from the U.S. Department of Energy, P.O. Box 62, Oak Ridge, TN 37830, free of charge. Another source of

information is the National Alcohol Fuels Information Solar Energy Research Institute, 1617 Cole Boulevard, Golden, CO 80401, phone 800/525-5555.

Proceedings of the 1979 Seminar on Biogas and Alcohol Fuels is available for \$35 from Compost Science/Land Utilization, Box 351, Emmaus, PA 18049. Clemson University held a seminar entitled: *Alcohol Fuels for Transportation and Industry* during the latter part of April. We will keep you posted when proceedings are available.

The American Society of Golf Course Architects has produced a slide presentation entitled *The Modern Golf Course*. The film traces the historical traditions of golf in the U.S. and how they have influenced today's courses. Major emphasis is placed on master planning, and construction techniques which are utilized in new courses and remodeling projects. To schedule a presentation, simply write, on company or organization letterhead stationery, to The American Society of Golf Course Architects, 221 N. LaSalle St., Chicago, IL 60601.

Banner chewings fescue has been awarded a Canadian License by Agriculture Canada, Plant Products Division in Ottawa on application by Oseco Inc. of Brampton, Ontario. Banner has shown outstanding potential in Ontario research projects.

Boots Hercules Agrochemicals Company has a new insecticide, Deltic[™], to control ticks, fleas and clover mites. Deltic is a restricted-use pesticide and comes as a liquid which can be mixed and applied in convention sprayers, according to Dr. James Rawson, product manager. The chemical is also compatible with most common pest control materials.

The Massachusetts Turf Field Day at the South Deerfield Station will be held June 25 with a rain date of June 26.

The 1980 Rutgers Turfgrass Research Day in New Brunswick, New Jersey will be August 6, starting at 10:00 a.m.

The Kentucky Turfgrass Council will host its annual turfgrass conference and field day in Richmond, October 7-9. There will be a preconference golf tournament on the 7th with a night discussion of turfgrass research.