

Fibergrids improve sub-grade soils

Fibergrids is a new development from Synthetic Industries, Inc. for the treatment and improvement of sub-grade soils.

Manufactured of engineered polypropylene fiber, it combines with cement/flyash and native soils to form an all-weather construction platform.

This stabilizes active clay soil permitting construction equipment to move and work on job sites sooner.

Paving may begin earlier or later without hindering traffic flow.

Fibergrids and other additives are blended into the soil with a stabilizer/mixer. The resulting stabilized clay soils exhibit greater load-carrying capacity and impermeability.

For more information contact Wayne Freed, Construction Products Division, Synthetic Industries, Inc., 4019 Industry Drive, Chattanooga, Tenn. 37416 or call (615) 892-8080. **Circle No. 302**

Plant and insect control made easy with new software

Automata, Inc. has introduced a powerful software program allowing rapid calculation of accumulated degree days. Development stages may be predicted for both plants and insects.

The degree-day option to Automata's basic data acquisition and control software calculates and stores hourly average temperatures from any number of sensors in the system.

With a few key strokes, the operator selects start date along with lower and upper threshold temperatures for the target insect or crop.

Any temperature data file may be reprocessed with a range of parameters to easily develop a model if one is not available.

The degree-day package used in conjunction with Automata's automated insect counter is a powerful insect management tool.

The degree day calculation is based on real-time temperatures, more accurate than averaging, triangulation or sine linear approximations.

For additional information call (916) 273-0380. **Circle No. 305**

Smoke generators check liner leaks

Easy-to-use, disposable smoke generators for testing the integrity of pond liners during initial construction and post-installation trouble shooting are now available from Superior Signal Co., Inc.

To conduct the test, smoke is forced with a blower beneath the liner. Smoke generators are more reliable than visual detection for locating leaks. They are an inexpensive way to eliminate callbacks, significantly reducing labor costs. They are ideal for locating tears and leaks at overlap sections and where pipes extend through the liner.

Superior smoke generators are also used for testing repairs and transfer piping networks leading to secondary containment areas.

Each unit is a compact 1-1/2-by-6 inches and creates 40,000 cubic feet of smoke in a three-minute cycle. The Superior 3C Smoke Generator has single-wick construction. The model W3C has a wick at each end for tandem attachment (with supplied slide ties) to generate smoke on a continuous basis for as long as required.

For more information contact Superior Signal Co., Inc. P.O. Box 96, Spotswood, N.J. 08884. **Circle No. 306**

Golf Course Marketplace

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GCN'S August issue, featuring a Turf Update on **Zoysiagrass sod & Seed Growers** closes on **Friday, July 20th.** Call (813) 576-7077 to place your ad TODAY!!!

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GRAYSON COLLEGE, Dennison, TX. 2-year technical program in golf course & turf grass management. 18-hole golf course on campus. Dormitories, placement assistance, financial aid & scholarships avail. Contact: **GCC, 6101 Grayson Dr., Dennison, TX, 75020. (214) 465-6030, ext. 253.**

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One year Certificate includes training in Irrigation Repair, Maintenance & Trouble Shooting; Engine & Hydraulic Systems repair, Maintenance & Trouble Shooting; Reel Grinding, Mower Service & Repair. For info. contact: **Mr. Mace McDaniel, Golf Course Operations/Landscape Technology Dept., Western Texas College, Snyder, TX 79549.**

INDUSTRY INFORMATION

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CALENDAR

July

3-5 — Canadian Seed Trade Association annual convention at the Prince Edward Hotel in Charlottetown, Prince Edward Island.

8-12 — Pacific Seedsmen's Association meeting at Harvey's Casino in Lake Tahoe, Nev.

11-12 — Alabama Seedsmen's Association annual convention at the Hilton Hotel in Orange Beach, Ala. Contact Bob Burdett at 205-821-7440.

18-20 — Northern Seedsmen's Association summer meeting in Winnipeg, Manitoba.

22-24 — North Carolina Seedsmen's Association annual convention at the Sheraton Resort and Convention Center in Atlantic Beach, N.C. Contact Hortense Dilday at 919-782-3673.

25-27 — American Sod Producers Association's Summer Convention and Field Days in Ottawa, Ontario, Canada. Firms will be invited to demonstrate their equipment or exhibit their static displays during two days at the Manderley Farm in Kemptville. Contact ASPA, 1855 Hicks Road, Rolling Meadows, Ill. 60008; 708-705-9898.

August

1 — University of Georgia Turfgrass Field Day at Griffin, Ga. Contact Dr. Gil Landry or Dr. Tim Murphy at 404-228-7300.6

9 — Rutgers Turfgrass Research Field Day at the Turfcenter, Ryders Lane, Cook College, New Brunswick, N.J. Contact Dr. Henry W. Indyk, Crop Science Department, Cook College, telephone 201-932-9453.

16-17 — South Dakota Seed Trade Association annual meeting at the South Dakota State Game Lodge in Custer (S.D.) State Park.

25-Sept. 10 — Asia Horticultural Tour of Thailand, Hong Kong and Japan. Contact the Professional Plant Growers Association at 517-694-7700.

September

4-6 — The Institute of Groundsmanship's Sports & Leisure World Trade Exhibition at the East of England Showground in Peterborough, Cambridgeshire, United Kingdom. For more information contact Milton Keynes at The Institute of Groundsmanship, 19-23 Church St., The Agora, Wolverton, Buckinghamshire MK12 5LG; telephone 0908-312511.

18 — Professional Turfgrass Field Day, sponsored by the Metropolitan Golf Course Superintendents Association, at Westchester Country Club in Rye, N.Y. Rain date is Sept. 19. Contact Bob Lippman at 914-248-7476 or Byron Johnson at 201-473-3393.

18-19 — Virginia Tech Turfgrass Research Field Days at the Virginia Tech Turfgrass Research Center in Blacksburg, Va. Contact John R. Hall III, professor and Extension agronomist, at Department of Crop and Soil Environmental Sciences, 424 Smyth Hall, Blacksburg, Va. 24061-0403; 703-231-9736.

27-19 — Golf Collectors Society's 20th annual meeting, including a private auction and two-day public trade show, in Birmingham, Ala. Highlights include a members-only reception at the Alabama Sports Hall of Fame and the Hickory Hackers 18-hole tournament, with players using only wood-shafted clubs and wearing 1900s-style attire. Contact Bob Tidwell at 205-328-3885.

30-Oct. 3 — Florida Turfgrass Association Annual Conference and Show — "the largest warm season turfgrass trade show in the Southeast" — at the Orange County Convention Center in Orlando. Workshops and seminars will cover environmental regulations, enforcement policies, biological control programs and advanced turf management practices; and the IFAS Research Update program of the University of Florida will present current facts for the turfgrass industry from the last year of re-

Continued on page 36

Golf Course Marketplace

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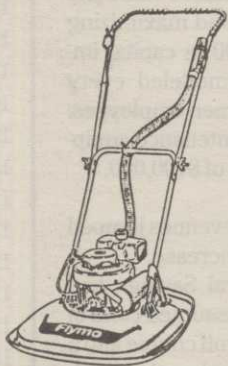


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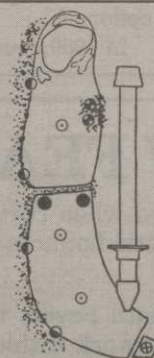
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Continued from page 35

search. Call 407-898-6721 for more information.

30-Oct. 4 — Professional Plant Growers Association annual conference at the Marriott City Center Hotel in Denver, Colo. Contact the Professional Plant Growers Association at 517-694-7700.

October

23-26 — BGIA golf trade exhibition in Birmingham, England. For more information call 0903-883381.

28-Nov. 1 — The 11th Annual International Irrigation Exposition and 3rd National Irrigation Symposium, presented jointly by The Irrigation Association and the American Society of Agricultural Engineers, at Phoenix, Ariz. Contact Lisa Brownell-Pierce at The Irrigation Association, 1911 North Fort Myer Drive, Suite 1009, Arlington, Va. 22209-1630; 703-524-1200.

29-31 — West Virginia Golf Course Superintendents' Association's first annual turf conference at Cedar Lakes Conference Center near Ripley, W.Va. The conference will include equipment and product demonstrations and educational programs. Contact John C. Cummings at Berry Hills Country Club in Charleston, W.Va.

November

3 — American Seed Trade Association Lawn Seed Conference at Crown Center in Kansas City, Mo. Contact the ASTA at Suite 964, Executive Building, 1030 15th St., N.W., Washington, D.C. 20005; 202-223-4080.

3-6 — Western Seedsmen's Association convention at Crown Center in Kansas City, Mo.

12-14 — Golf Summit 90, the third in a series of industry strategic planning meetings, at Marriott's Desert Springs Resort and Spa in Palm Springs, Calif. Coordinated by the National Golf Foundation, the summit will focus on the progress made in the programs of the Strategic Plan for the Growth of Golf, first introduced by the NGF in 1988. Contact the NGF, 1150 South U.S. Highway One, Jupiter, Fla. 33477; 407-744-6006.

28-30 — Second Golf Course Europe, an international exhibition and conference on the design, construction and maintenance of golf courses and golf club management, at Le Parc des Expositions in du Bourget, Paris, France. Contact Ellen MacGillavry at Expoconsult, Industrieweg 54, P.O. Box 200, 3600 AE Maarssen, Holland; 03465-73777.

December

4-6 — North Central Turfgrass Exposition at the Ramada Renaissance Hotel and Prairie Convention Center in Springfield, Ill., including educational sessions and exhibits by more than 90 turf industry suppliers. Contact Illinois Turfgrass Foundation at 312-644-0828.

10-12 — 21st Annual Georgia Turfgrass Conference and Trade Show at the Hyatt Atlanta Airport. Contact Karen Lavender at 912-681-5189 or Esther White at 404-447-4985.

12-14 — Second Annual Pacific Coast Turf and Landscape Conference and Trade Show at the Washington State Convention and Trade Center in Seattle, Wash. The conference and show are sponsored by the Western Washington Golf Course Superintendents Association and Jones and Associates, Park Center, Suite 200, N. 908 Howard St., Spokane, Wash. 99201-2261; 509-327-5904.

January 1991

14-17 — 31st Virginia Turfgrass Conference and Trade Show at the Richmond Centre and Marriott Hotel. Contact Randeon Tharp at 804-340-3473.

17-19 — 1991 Mid-America Horticultural Trade Show at the Hyatt Regency Chicago. Sponsored by the Illinois Nurserymen's Association, Illinois Landscape Contractors Association, and Wisconsin Landscape Federation, the show is endorsed by the Indiana Association of Nurserymen and the Iowa Nurserymen's Association. Contact Mid-Am Trade Show, 1000 N. Rand Road, Suite 214, Wauconda, Ill. 60084; 708-526-2010.

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