

Coming This Fall

A COMPLETE HISTORY BOOK ABOUT THE IRRIGATION INDUSTRY

This beautifully illustrated hardcover volume chronicles the evolution of the irrigation industry from its earliest beginnings to the present. The book will present an immensely readable narrative about the people and events that have guided not only the course of our industry, but which have shaped the history of our profession as well.



Chapters include segments on:

- great irrigation projects
- equipping the industry
- agriculture today
- crop irrigation with reclaimed water
- the global village
- beautifying the landscape
- pumps, pipes and power
- toward the future

Help celebrate the achievements of our industry.

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The More We Know, The More We Grow.

Sports Turf Managers Association Fifth Annual Conference & Exhibition
November 6-9, 1993
Oriole Park at Camden Yards
Baltimore, Maryland

Join the Sports Turf Managers Association (STMA) at the home of the 1993 Major League Baseball All-Star Game for its fifth annual conference and exhibition. This year's conference offers fantastic educational opportunities in a unique location — Camden Yards. The conference and exhibition offers:

- Exhibits on the Club and Lower levels of Camden Yards, featuring more than 100 booths with the latest in turfgrass technology.
- Practical education sessions on many aspects of sports turf management, including drainage systems, soil basics,

turfgrass selection, grooming infields, pesticide usage, multi-use fields, field coverage, and much more.

- Dynamic speakers covering the past, present, and future of sports turf, development of Oriole Park, innovation in the turfgrass industry and tips on teamwork from the pros.

Look for registration and exhibitor information this summer. For more information, contact Susan Seibert, STMA Headquarters, 312/644-6610. STMA's Fifth Annual Conference and Exhibit — Come grow with us!

**Sports
Turf
Manager's Association**



Sports Turf Managers Association • Promoting Better and Safer Sports Turf Areas

ROOKIES

PRODUCT UPDATE

AERATOR



The TORO Submersible Aspirating Aerator aids in the natural aquatic rejuvenation process by increasing dissolved oxygen levels, providing circulation, creating horizontal water flow velocities and maintaining aerobic conditions throughout the water column.

The pump draws air from above the water surface and injects it through a specially designed nozzle near the bottom of the pond. The fine-bubble discharge mixes the oxygen with the water, destratifies and provides horizontal water circulation with no additional components or accessories. No heaters or additional service is needed for the system to work effectively through the winter.

The aerator is available in one-half, one, two and three horsepower models, one or three phase.

AQUASCAPE TECHNOLOGIES

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STORAGE TANKS

ConVault above-ground storage tanks have been tested extensively to confirm endurance with severe temperature, impact and weight-resistance conditions.

The 250-gallon tank was subjected first to flame exposure of 2,000 degrees Fahrenheit in a column furnace for two hours, then exposed to a hose stream. No structural damage to either the concrete or the inner tank surface was detected.

A 16-pound steel ball was swung on a tether into the wall of the tank. Upon inspection, the tank was found to be free

of structural damage. A concentrated 1,000-pound weight was distributed over a 1-square-foot area without any result impact.

A 1-square-foot sample of the tank exterior was placed in a freezer set at minus 40 degrees, followed by an impact test. There was no damage.

CONVAULT

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LOCKER

The steel-mesh lockers from Club Locker can hold up to a 10-1/2-inch staff bag with pull cart and are available for floor or wall mounting. The design enables course operators to increase the number of lockers offered as needed.

The mesh and tubing are powder-coated for increased durability and corrosion protection. A solid roof panel protects contents from rain and other weather elements. Additional features include an interior bumper bar, which prevents clubs and bag from touching the inside of the locker, and an angled access ramp to position clubs towards the rear.

Course operators can choose from four separate lock styles, including coin-operated and combination locks with master keys. Coin-operated locks accept from one to six quarters, dimes, nickels or tokens.

CLUB LOCKER

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**TEXAS TURF
IRRIGATION ASSOC.**

**'93
TTIA**

Reunion Training Trade Show
JULY 22-24, 1993
Grapevine Tx.

For Registration or Exhibit Information
Call: 214 - 321-0155

ROOKIES

PRODUCT UPDATE

WOOD ROT PREVENTER



IMPEL Rods are molded from water-diffusible boron, a natural element recognized as an effective deterrent to rot. The resemble glass rods and are inserted into small holes drilled in wood where it is most susceptible to rot.

Rods remain in a solid state until the wood's internal moisture content activates them, usually in excess of 20 percent. As they dissolve, boron migrates to areas of highest moisture. If the wood dries, the rods stop diffusing and the residual preservative remains in place.

Rods are inserted through small holes drilled into logs, windows, door millwork, beams, joints or posts. They are EPA-registered and do not require a special applicator's license. They are odorless, colorless and do not stain the wood. Their toxicity is rated near aspirin and is only half that of common table salt.

CHEMICAL SPECIALTIES INC.
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WILDFLOWER CARPET

WildFlower Carpet® is a mat of 3-inch-high, densely packed wildflower plants with well-developed root systems. Individual mats are five square feet and weigh approximately 15 pounds.

The carpet eliminates the risk and labor of seeding and germination, and provides immediate coverage to high-visibility areas, such as golf courses, parking lots and parks.

Fifteen perennial wildflowers make up the blend. Among them are wall-

flower, purple cornflower, rockcress, Johnny jump-up, dame's rocket and maiden pinks.

Plant roots are nourished through a lightweight, soilless mixture held in place by a tear-resistant porous fabric. Plants range from 6 to 30 inches high and will flourish in most regions of the country.

APPLEWOOD SEED COMPANY

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PLANT DIAGNOSTIC KITS

Alert and Reveal plant diagnostic test kits are rapid testing tools that enable users to conduct highly accurate disease detection and diagnosis without the need of an equipped plant pathology laboratory. The tests are based on immunoassay methods in which antibodies have been developed to recognize specific plant pathogens. By reading a color change, the user can determine if the pathogen is present and semiquantitate the pathogen load.

Alert kits are available for the detection of pythium, phytophthora, rhizoctonia and xanthomonas. Reveal kits are used to detect fungal diseases of turf including, pythium blight, brown patch and dollar spot.

NEOGEN CORPORATION

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HARROWS

Parmiter's flexible harrows are used to incorporate herbicides or fertilizers into the ground. They not only cover seed and firm the soil for fast, uniform germination and growth, but also smooth and level the ground as well.

Drawbars are from 4 to 16 feet in width, and when used with connectors to couple sets together, a working width of 24 feet can be achieved. Harrows can be turned for aggressive or passive tine deflection or used with tines up for light crumbling and smoothing action. They are self-cleaning, and little or no maintenance is required.

PARMITER

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CLASSIFIED

Classified Advertising Rates: \$55.00 per inch payable in advance. One inch minimum (about 50 words). Send copy with check for \$55.00 at least four weeks prior to issue date to: **sportsTURF**, 68-860 Perez Road, Suite J, Cathedral City, CA, 92234, or fax to (619) 770-8019. Blind box numbers are available. Special borders and rules will be billed at display advertising rates. Classified ads are not commissionable.

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Attention STMA members and non-members:

Enter the STMA Member Referral Contest!

If you refer the most members, you will receive round-trip airfare and registration to STMA's 5th Annual Conference and Exhibition in Baltimore — **FREE**. If you are a resident of the Baltimore area, you will receive two free nights at the Marriott Hotel, headquarters for the conference, along with a free registration.

Entering is Easy!

To participate, simply refer new members (a minimum of three members is required). Be sure they mention who referred them when joining — to make things easier, the membership form on the following page has a sponsor line. Make a few copies with your name on it and pass them along -- if you are currently not a member, fill out this form and join today!

Contest progress reports will appear in future issues of *sportsTURF* and the July/August and September/October issues of *Sports Turf Manager Newsletter*. For more information and guidelines, contact STMA Headquarters at 312/644-6610.

Get Serious With STMA

Application for Membership

The Sports Turf Managers Association (STMA) is an organization of professionals representing all segments of the sports turf industry. Our members work to combine the science of growing grass and the art of maintaining sports turf to produce playing fields that are both safe and aesthetically pleasing.

STMA provides members with a variety of benefits, including: Education through regional institutes and conferences; support for sports turf research; facilities tours; a national awards program; access to the STMA National Conference and Exhibition; complimentary subscriptions to *Sports Turf Manager* and *sportsTURF Magazine*; and much more.

If you're serious about the sports turf industry, then it's time to become a member of STMA. Join today!

Member Information

Name _____
 Title _____
 Employer _____
 Type of Business _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Fax _____
 Signature _____
 Referred by _____

Membership Category (please check one)

- | | |
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Total amount enclosed \$ _____

Please enclose payment (check or money order) and send to:

Sports Turf Managers Association
 PO Box 809119
 Chicago, IL 60680-9119

For more information, contact STMA Headquarters at 312/644-6610

"Promoting Better and Safer Sports Turf Areas"