TRADE SHOW

Equipment exposition to display the latest

The International Construction and Utility Equipment Exposition (ICUEE), scheduled for Johnson County Industrial Airport near Kansas City, MO, will include the latest technology in utility service and construction equipment.

The 1981 exhibit on August 11-13 will contain telescoping and articulated cranes, aerial and digger derricks, underground construction equipment, and a number of other smaller tools and equipment related to utility service and underground construction industries.

This year's exposition will be the seventh and largest since 1966. For more information, contact: Rae Rupp, c/o ICUEE '81, Suite 1632, 333 North Michigan Avenue, Chicago, IL 60601, 312/332-2037.
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But times are changing. Increasingly you're finding yourself pinched by escalating costs for materials and labor. And there's a growing movement among environmentalists to lessen dependence on fertilizers.

Rugby Kentucky Bluegrass answers these problems.

YEARS OF TESTING.
Rugby is a new Kentucky bluegrass. But it's not unproven. Before it was ready to be introduced to you, years of extensive testing were performed under a broad range of climatic and soil conditions. Test sites were located not only in the United States, but Canada as well.

The results? Our testing has shown Rugby to be unique. It's a truly different variety from anything else on the market, with superior performance.

How is it superior? Read on.

A TRUE LOW-MAINTENANCE TURF.
The most singular advantage of Rugby is its ability to provide high-quality dark green turf when maintained at low nitrogen fertility and restricted moisture levels.

Most improved Kentucky bluegrass varieties are not low-fertility types. You may be told they performed well in turf trials. Unfortunately, you're not told that those trials are often conducted using optimum nitrogen levels. So it's no wonder you have to fertilize the heck out of these varieties to get good results.

Not so with Rugby. You can actually get better results with Rugby than with other Kentucky bluegrass varieties while using less nitrogen fertilizer.

And you'll also save on the labor it would take to apply that extra fertilizer and to do the extra mowing.

A HIGH-QUALITY TURF.
But no matter how much we tell you about the low-maintenance aspects of Rugby, ultimately you look for — and demand — superior turf. Your professional standards wouldn't settle for anything less. And we wouldn't want it any other way.

Rugby has a rapid spring green-up rate and excellent fall color. And it also displays sustained growth during the mid-summer heat stress period, even under low nitrogen fertility and restricted moisture.

Moreover, Rugby possesses a high level of resistance to most of the common and current turfgrass diseases. This is another factor which may well result in significant savings in turf management costs.

THE ENVIRONMENTALIST'S GRASS.
Using less water and fertilizer means potential dollar savings for you, of course. But you can also take satisfaction in the fact you'll be using fewer natural resources.

By now you're well aware of the increasing social consciousness among the population in this regard. And by making available a Kentucky bluegrass that fits the world of the '80's, we believe we're fulfilling an important need.

For more information on Rugby, write Rugby Kentucky Bluegrass, PO. Box 923, Minneapolis, MN 55440.

Circle No. 135 on Reader Inquiry Card
tion's support to Floraboard on the spot, based on earlier contact with their boards and membership. The remaining associations are committed to getting responses from their associations soon.

GOLF

Superintendents must analyze water use

Faced with severe watering restrictions, golf course superintendents must collect records of actual water usage and persuade governing bodies who allocate supplies, says Palmer Maples Jr., CGCS, Golf Course Superintendents Association director of education.

"If you are required to cut back by a certain percentage, it is vital that you know where your water actually goes," says Maples. "Offer to do your part as other industries are doing theirs. This approach will demonstrate the concern of the golf industry and its readiness to cooperate in a time of restricted water use."

As the situation worsens, political action by superintendents may become a necessity. In 1977, golf courses in the Monterey, CA area were able to show that severe restrictions on watering would lead to wide-ranging economic hardships on the tourist-dependent local economy. And today, New Jersey golf course superintendents are spearheading two statewide coalitions aimed both at relaxing the restrictions and educating the public.

AWARDS

Anheuser-Busch gets energy award

Anheuser-Busch Companies, Inc., has received the President's Award for Energy Efficiency for a project which daily recycles one million gallons of effluent from the company's Jacksonville brewery that were formerly sent to the city's waste treatment facilities. The liquid brewery waste, high in nutrients, is piped one mile north of the brewery to a 300-acre site, where it is used as a fertilizer in growing company-owned turf.

The land application project consumes 10 percent of the energy required by conventional waste water treatment. Furthermore, the use of nutrients in growing turf reduces fertilizer costs, as well as the amount of energy needed to produce fertilizer. Another advantage is that the brewery byproduct streams supply the land with essential irrigation water.

Perform a death-defying act.

Have your blood pressure checked.
**LETTERS**

**Lindane wording unclear**

I believe that the wording in your short news article on lindane, which is found on page 48 of your January issue, gave a mistaken impression of the status of the Lindane RPAR and Zoecon’s evaluation of the safety of this important insecticide. I have enclosed for your information a news release prepared by Zoecon, and also a short article from Pest Control Magazine (pp. 56), February 1981, which I believe summarizes the Scientific Advisory Panel Meeting accurately and concisely.

I would be very happy to supply any more information on the status of the Lindane RPAR if you would find it useful.

Terry L. Burkoth, Ph.D.
Director of Product Development
Zoecon Corporation
Palo Alto, CA

The Science Advisory Panel made these recommendations to the EPA:

- Household use of Lindane should be cancelled immediately in treated shelf paper and floor waxes; on pets; and as ornamental applications.

Preparations containing Lindane should be available only to licensed veterinarians, commercial ornamental applicators, registered pest control operators, and certified livestock applicators only with full warning label cautions and full protective clothing as proposed by EPA.

Uses on pineapples should be retained with warning label cautions. Uses on cucurbits, avocados, pecans, Christmas trees, and hardwood logs and lumber should be continued under restricted classification with such labels and protective clothing. Similar restrictions should be required for certified operators using Lindane in bark beetle control or seed treatment.

A three-generation reproductive study should be performed on an appropriate laboratory animal to determine whether Lindane interferes with reproductive processes.

**Missing references**

While looking for a citation in Dr. Richard Smiley’s article on thatch (April 1981), I found that his reference section was truncated and the last two references were deleted. I am sure both Dr. Smiley and other readers would appreciate it if you print these in a future issue. The two references are: “Whitehead et al 1979” and “Waite and Gorvod 1959.”

**Proper pruning cuts**

The following is in relation to the comments made on pruning cuts in the April issue.

Practicing arborists have long recognized the value of the heal collar. The problem of the flush cut evolved from the old practice of stub cutting when pruning or reducing the size of trees.

**Thank you,**

Julie Welch (Bureau of Solid Waste)
Madison, Wisconsin

Terribly sorry. The citations are:


**Interested in mowing**

Enjoy your magazine. We maintain above 325 acres of turf for industrial business and the city of Syracuse. Would like to see an article on “contract mowing” done in your magazine.

Ted Stetler
Marcellus Nursery Inc.
Syracuse, NY

Thanks for your suggestion. We agree and are working on this subject for a future issue.—Ed.

---

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Please allow 6-8 weeks for delivery.
The current issue of WEEDS TREES & TURF carries meeting dates beginning with the following month. To insure that your event is included, please forward it, 90 days in advance, to: WEEDS TREES & TURF Events, 757 Third Ave., New York, NY 10017.

Aquatic Plant Management Society annual meeting, Coliseum Ramada Inn, Jackson, MS, July 12-15. Contact Lou Guerra, Texas Parks & Wildlife Dept., 134 Braniff, San Antonio, TX 78216, 512/349-2174.

Grower's Seminar, San Jose, CA, July 14. Contact Lanny E. Walker, Public Relations Director, California Association of Nurserymen, 1419 21st Street, Sacramento, CA 95814, 916/448-2881.


Plant Maintenance Symposium, Michigan State University, July 28. Contact Prof. Harold Davidson, Dept. of Horticulture, Horticulture Building, East Lansing, MI 48824.


Sixth Nebraska Turfgrass Field Day and Equipment Show, Aug. 4. Contact Dr. Robert Shearman, University of Nebraska, 377 Plant Science Bldg., Lincoln, NE 68583, 402/472-2550.


Ohio Turfgrass Research Field Day, Ohio State University Turfgrass Research Field Facility, Columbus, OH, Aug. 4. Contact Dr. Keith Karnok, 1827 Neil Avenue, Columbus, OH 43210, 614/422-2591.

Plant Growth Regulator Working Group 8th annual meeting, St. Petersburg Beach and Don Cesar Hotel, St. Petersburg, FL, Aug. 4-6. Contact Dr. L. H. Aung, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061. 703/611-6511.

Illinois Landscape Contractors Association Summer Field Day, D. Hill
Nurseries, Union, Illinois, Aug. 5. Contact Lucille Little, 202 W. Main St., PO Box 1049, St. Charles, IL 60174, (312) 584-5770.

ILD Interior Maintenance Technician's Short Course, Camelback Inn, Scottsdale, AZ, Aug. 6. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.

ILD Interior Maintenance Technician's Short Course, Denver, CO, Aug. 8. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.

International Society of Arboriculture Convention, Boyne Mountain Resort, Boyne Falls, Michigan, Aug. 9-12. Contact E.C. Bundy, ISA, PO Box 71, 5 Lincoln Square, Urbana, IL 61801, (217) 328-2032.

Central Plains Turf Foundation/Kansas State University Turf Field Day, Manhattan, KS, Aug. 12. Contact Dr. Robert Carrow, Kansas State University, Dept. of Horticulture, Waters Hall, Manhattan, KS 66506, 913/532-6170.


Residential Landscape Design Course I, Marriot North, Dallas, TX, Aug. 12-14. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.

Massachusetts Nurseryman's Association summer meeting, Stewart's Nursery, Turners Falls, MA, Aug. 19. Contact Deborah Fanning, Executive Director, Massachusetts Nurseryman's Association, 715 Boylston Street, Boston, MA 02116.

Irrigation Association of New Jersey 7th annual field day, Reed's Sod Farm, Princeton Pike, Princeton, NJ, Aug. 20. Contact Linda Errickson, Administrator, P.O. Box 138, Dayton, NJ 08810, 201/329-6003.


Dollar Management Seminar, Executive Inn, Seattle, WA, Aug. 21-22. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.


Gower's Tour, Aug. 25. Contact Richard Staples, Program Administrator, California Association of Nurserymen, 1419 21st Street, Sacramento, CA 95814, 916/448-2881.


Northern Michigan Turf Managers Association meeting, Gaylord, MI, Continues on page 60

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Ornamentals Northwest Seminars, Oregon State University, Portland Memorial Coliseum Portland, OR, Aug. 28-29. Contact Dr. James L. Green, Oregon State University, Dept. of Horticulture, Corvallis, Oregon 97331, 503/754-3464.

ILD Interior Landscape Conference, Hyatt Hotel, Atlanta, GA, Sept. 9-12. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.

Garden Industry of America Conference & Trade Show, Pittsburgh Convention/Exposition Center, Pittsburgh, PA, Sept. 10-12. Contact GIA, Box 1092, Minneapolis, MN 55440.


Northern Michigan Turf Managers Association meeting, Acme, MI, Sept. 15. Contact C. E. “Tuck” Tate, President, NMTMA, 1147 Santo, Traverse City, MI 49684, 616/947-9274.


Management Information System Seminar, Los Angeles, CA, Sept. 16-17. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.

Central Plains Turf Foundation/ Kansas State University Turf Conference, Manhattan, KS, Oct. 6-8. Contact Dr. Robert Carrow, Kansas State University, Dept. of Horticulture, Waters Hall, Manhattan, KS 66506, 913/532-6170.


Management Information System Seminar, Executive Inn, Seattle, WA, Sept. 18-19. Contact ALCA, 1750 Old Meadow Road, McLean, VA 22102, 703/821-8611.


Central Coast Turf Day, California Polytechnic State University, San Luis Obispo, CA, Oct. 1. Contact Ronald D. Regan, Head, Ornamental Horticulture Department, CPSU, San Luis Obispo, CA 93407, 805/546-0111.

Horticultural Tour to China, Oct. 5-18. Contact Lanny E. Visitor, Public Relations Director, California Association of Nurserymen, 1419 21st Street, Sacramento, CA 95814, 916/448-2881.

Central Plains Turf Foundation/ Kansas State University Turf Conference, Manhattan, KS, Oct. 6-8. Contact Dr. Robert Carrow, Kansas State University, Dept. of Horticulture, Waters Hall, Manhattan, KS 66506, 913/532-6170.

