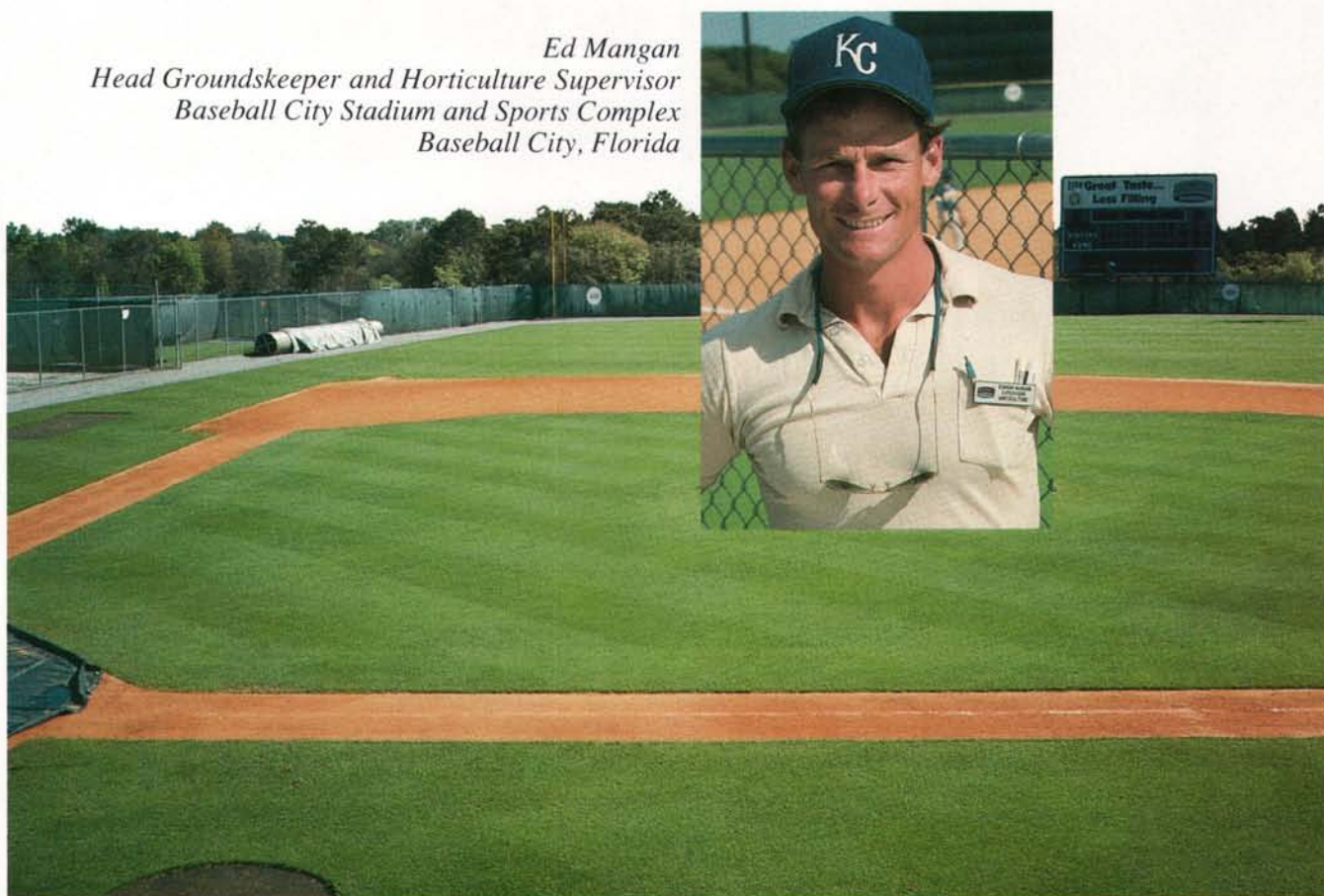


“We’ll have 80 degree weather one day and 18 the next and after the freeze my fields still look great because Ph.D.[®] is a great overseeding blend.”

*Ed Mangan
Head Groundskeeper and Horticulture Supervisor
Baseball City Stadium and Sports Complex
Baseball City, Florida*



Ed Mangan knows a good thing when he sees it.

After viewing the successes of George Toma and other turf experts with Ph.D.[®] he selected and still uses this premium ryegrass overseeding mixture for his #1 and #2 fields at Baseball City Stadium.

While an average major league field will see 80-85 games per year, Ed hosts as many as 750 a year on these two fields.

In addition, the Kansas City Royals hold spring training here so he wants the turf to be right.

“I’ve used other ryegrasses on some of my six fields and there’s no question Ph.D.[®] is clearly the best.”

“Germination in 4-5 days, no disease problems, no heat and humidity problems. Ph.D.[®] is just a great mixture.”

“Seed – the Gift of Life”[®]

 **INTERNATIONAL SEEDS, INC.**

P.O. Box 168 • Halsey, Oregon 97348 • Tel. (503) 369-2251 • Toll Free 1-800-445-2251 • TWX 910/240-5575 • FAX (503) 369-2640

Circle 206 on Postage Free Card



YOUR BEST GUARANTEE OF LUSH, VIBRANT TURF STANDS IS APRON® TREATED SEED!

That's because, no other seed treatment can match the powerful, systemic performance of Apron against damping off caused by early season *Pythium*.

As the seed germinates, Apron is systemically translocated throughout the growing seedling, providing protection that lasts for 18-21 days. Control on ryegrass often extends beyond 30 days post-seeding.

And, if you need protection against *Rhizoctonia*, *Fusarium*, *Sclerotinia*, or *Helminthosporium*, Apron is also

available in combination with a contact fungicide called Epic.®

Whether you're a golf course superintendent, recreational turf manager, landscaping specialist, sod producer or seedsman, you can't afford to overlook the proven disease protection and stand establishing benefits of Apron and Apron-Epic seed treatments.

Lush, healthy turf stand don't just happen, they start with good management and quality Apron treated seed.

APRON Dry, now available for hopper box application.

Gustafson 

P.O. Box 660065 Dallas, TX 75266-0065 (214) 985-8877

Apron is a Reg. TM of Ciba-Geigy. Epic and Gustafson (logo) are Reg. TM's of Gustafson, Inc.
Circle 208 on Postage Free Card

STAFF

PUBLISHER DENNEGOLDSTEIN
ASSOCIATE PUBLISHERS BRUCE F. SHANK

MARK ADAMS

EXECUTIVE EDITOR ANNE GOLDSTEIN
EDITOR JAMES GREGORY

ASSOCIATE EDITOR MATTHEW TRULIO

ADVERTISING SALES GARY HYNES

ART DIRECTOR STACEY GOLDSTEIN

PRODUCTION PAM BROOKS

CIRCULATION DENISE ALLEN

FULFILLMENT SUE LAGOMARSINO

ADVISORY BOARD ED BIRCH, TOM COOK,
WILLIAM DANIEL, VIC GIBEAULT,
DON HOGAN, HENRY INDYDK,
WILLIAM KNOOP, GREG PETRY

ADVERTISING AND EDITORIAL OFFICES
P.O. BOX 8420, VAN NUYS, CA 91409 / 818-781-8300

SUBSCRIPTION RATES

ONE YEAR \$22
TWO YEARS \$30
FOREIGN (ONE YEAR) \$45



6913 VALJEAN, VAN NUYS, CA 91406
(818) 781-8300, FAX (818) 781-8517

OTHER GOLD TRADE PUBLICATIONS

LANDSCAPE & IRRIGATION
ARBOR AGE
IRRIGATION JOURNAL
LANDSCAPE DESIGN

EXECUTIVE STAFF

PRESIDENT DENNE GOLDSTEIN
EXECUTIVE VICE PRESIDENT BRUCE F. SHANK
VICE PRESIDENT ANNE GOLDSTEIN
VICE PRESIDENT RANDI GOLDSTEIN
VICE PRESIDENT IRA GOLDSTEIN



Golf & sportsTURF Magazine
(ISSN 1049-0000)

is published monthly by Gold Trade Publications, Inc. Material in this publication may not be reproduced or photocopied in any form without the written permission of the publisher. Copyright © 1990. Member of the Business Publications Audit of Circulation, Inc.

VOLUME SIX, NUMBER EIGHT

AUGUST 1990

MAIN EVENTS

10 SHOW YOUR COLORS WITH TURF PAINT

Turf painting has spread from professional sports to local high schools, parks, and universities across the country. With a basic knowledge of paints and sprayers, the turf manager can dazzle players and fans during major events. "It's one of the few chances a grounds crew has to show off," explains the superintendent of buildings and grounds at a school district in Pennsylvania. A park superintendent tells how field painting makes one of his parks a showplace for residents and a minor league baseball team. Vince Patterozzi, head groundskeeper for Central Missouri State University, describes how field painting and better turf management are used by Servicemaster to impress its customers. Finally, golf course superintendents tell about their use of paints to mask dormancy, prepare for winter tournaments, and control traffic.

22 OVERSEEDING: THE EXPANDING ROLE OF SEASONAL TURFGRASSES

As improved turfgrasses enter the market each year, many golf course superintendents and sports turf managers put them to work either by overseeding or interseeding. They allow turf managers to increase the natural defenses of a turf area by adding varieties better adapted to seasonal weather or use levels. The addition of seasonal grasses to the turf manager's list of responsibilities requires an expanded knowledge of their characteristics and maintenance levels.

30 PARK MAINTENANCE MANAGERS GO BACK TO SCHOOL

The National Recreation and Parks Association and the Park Operations Section of the California Parks and Recreation Society have joined forces to create a two-year maintenance school. The Pacific Southwest Maintenance Management School has made a difference in the professional lives of its graduates by increasing their knowledge of park maintenance and giving them an opportunity to share insights with fellow park superintendents.

LINE-UP

8 FRONT OFFICE

8 EVENTS

36 CHALKBOARD

38 ROOKIES

42 SCOREBOARD

COVER: Vernon Kennedy Stadium at Central Missouri State University in Warrensburg during Homecoming 1989.

SECOND CLASS POSTAGE PAID at Van Nuys, CA

Postmaster: Please send change of address form 3579 to Golf & sportsTURF, P.O. Box 8420, Van Nuys, CA 91409.

Fine Lawn Research proves . . . not all Kentucky Bluegrasses are created equal.



Experienced sod growers and professional turf managers know there are measureable differences between turf varieties . . . differences in overall turf quality, color, summer density, shade performance and more. As the ratings shown here prove, Chateau Kentucky Bluegrass has consistently outperformed some of the most popular bluegrass varieties.

So, for truly premier turf year after year, choose Chateau Kentucky Bluegrass. Strength of breeding always shows.



- A truly elite bluegrass—one of the best available.
- Beautiful emerald green color.
- Outstanding shade performance.
- Withstands summer stress better than most bluegrasses.
- Superior performance in trials throughout the U.S. and Canada.
- Very wear-tolerant—excellent for athletic fields.
- Semi-dwarf growth habit for lower mowing and attractive appearance.
- Excellent resistance to leaf spot, stripe smut and powdery mildew.

Another quality product from...

Fine Lawn
RESEARCH, INC.

Top Rated

Chateau Kentucky Bluegrass

Turf Quality

NATIONAL TURFGRASS
EVALUATION PROGRAM 1986

VARIETY	AVG. SCORE
Chateau	6.0
Classic	5.9
Challenger	5.8
Ram I	5.7
Julia	5.7
Eclipse	5.6

Rated 1-9; 9 = Best

Turf Color

LINCOLN NEB.-2 YR. MEAN

VARIETY	AVG. SCORE
Midnight	7.9
Chateau	7.0
Baron	6.9
Fylking	6.8
A34	6.5

Rated 1-9; 9 = Dark Green

Summer Density

NATIONAL TURFGRASS
EVALUATION PROGRAM 1987

VARIETY	AVG. SCORE
Chateau	7.3
Challenger	7.2
Bristol	7.1
Julia	7.0
Liberty	6.8
Nassau	6.6

Rated 1-9; 9 = Maximum Density

Shade Performance

MARYSVILLE, OH 1981-82

VARIETY	AVG. SCORE
Chateau	2.32
Eclipse	2.20
Birka	2.01
Glade	1.65

Rated 1-4; 4 = Best



For additional information,
see your distributor or dealer, or
write to Fine Lawn Research, Inc.
4900 Blazer Pkwy. Dublin, Ohio 43017

How to keep your acres and acres of earth looking like a little slice of heaven.

Adopt a Mobay fungicide program, and start producing turf that's a cut above.

Start with BAYLETON® Turf and Ornamental Fungicide. It has an unequaled reputation for stopping *dollar spot* while giving you broad spectrum disease control.


In addition, BAYLETON eliminates costly multiple applications. You see, it works systemically, entering the plant and working from the inside. Since BAYLETON won't wash off, it lasts longer.

For *leaf spot*, treat with DYRENE® Turf Fungicide. Quite simply, nothing works better. Plus, the flowable formulation of DYRENE gives you longer residual control than regular contact fungicides. And that adds up to a lower cost per day of control.

Best of all, both BAYLETON and DYRENE have a long history of unmatched performance.

For more information, contact your Mobay distributor or Mobay sales representative. They can set you up with a fungicide program that'll help you keep your acres looking like a little heaven on earth.

Bayleton Dyrene



Treat your fairways with BAYLETON and DYRENE. It keeps your customers from tracking disease up onto your tees and greens, and raises the overall quality of your course.

Apply BAYLETON for broad spectrum control on a wide variety of ornamental plants.

Plant turf varieties that resist diseases in your area. Apply a balanced fertilizer. Aerate, irrigate, and dethatch periodically.



In addition to dollar spot, BAYLETON prevents summer patch, anthracnose, and other major turf diseases.

DYRENE prevents brown patch and leaf spot with excellent residual control.

Mobay Corporation
A BAYER U.S.A. COMPANY



Specialty Products Group
Box 49113, Kansas City, MO 64120
816-242-2333

THE FRONT OFFICE

OPINION PAGE

JUNIOR GOLF DESERVES MORE ATTENTION



Regardless of age, a person can enjoy a relaxed round of golf in a pleasant, parklike atmosphere. At least, this had been my own experience ...before reaching the point where my kids could play golf with me. Now I realize that golf is also one of the best sports parents can play with their children.

Ever since my son, Todd, was six years old, he has been fascinated with golf. At first, he was thrilled just to ride (and occasionally steer) a golf cart. It wasn't long before he became my unofficial caddy, reading the scorecard for yardage and selecting the

right club. The problem is that he is left-handed in a world of right-handers. You never can find junior clubs for a southpaw in a pro shop.

One recent weekend, we were at the driving range. Todd, who is now 13, was nosing around the pro shop and discovered a set of adult left-handed clubs. He talked the clerk into letting him try the clubs on the driving range. They were also on sale. He knew he had me cornered, and the clubs are now his.

For the past few months, we have been spraying balls all over neighborhood driving ranges. He's hitting well enough to stay interested. Now it's time for a few lessons from a teaching professional. Only when the pro says he's ready, and not before, will we take to the links for the first time.

However, there's no way I'm going to expose him to the pressure new golfers face when they hold up experienced players. He has to be able to use his clubs with reasonable skill before we'll merge into the line at the first tee on a weekend. I don't want him to get discouraged early. I want him as a golf partner for at least the next 30 years.

Today, with the shortage of public golf courses and the strong national campaign against slow play, America's kids are being overlooked. If a family doesn't live in a golf community or belong to a country club, there is little opportunity for the children to get involved in golf. Junior golf has become even more of a privilege for the wealthy than it used to be.

So far the tab for Todd's clubs, bag, driving range, and the lessons is about \$400. That's about four times the cost of his participation in either soccer or baseball. When we start playing that will add another \$20 per round. Now my daughter is hinting that she, too, wants to give golf a try. Multiply everything by two.

Greens fees are climbing steadily, courses are becoming more difficult to master, and you have to reserve tee times days in advance. Then, when you can finally arrange to play golf with your kids, you face some pretty harsh criticism if you can't keep up. It has to bother a child when you have to let group after group play through.

The United States Golf Association has predicted that there will be a growing shortage of golf courses in this country unless one new course is opened every day for the next ten years. I think the USGA should have been more specific about the type of courses needed. Clearly the most pressing need is for public and daily-fee golf courses. Junior golf doesn't stand a chance if all we build are resort courses and private country clubs.

One of the golf industry's goals for the '90s should be the promotion of family golf, with junior golf as the initial step. Family golf has a positive image that fits hand-in-hand with environmental responsiveness. Golf can bring families and entire communities together in a healthy, relaxed environment.

Those who have played golf with their children know the value of the sport. Those who have been playing without their kids are missing a great experience.

Bruce F. Shank

EVENTS

CALENDAR

AUGUST

29-30 Penn State Turfgrass Field Days, Joseph Valentine Memorial Turfgrass Research Center, University Park, PA. Contact: Dr. Joseph Duich, Dept. of Agronomy, 16 Tyson Bldg., University Park, PA 16802, (814) 865-9853.

SEPTEMBER

4-6 Institute of Groundsmanship Sports Trade Exhibition, East of England Showground, Peterborough, UK. Contact: IOG, 19-23 Church St., Milton Keynes, Buckinghamshire, UK MK12 5LG; telephone Milton Keynes (0908) 311856.

17-20 44th Northwest Turfgrass Conference, Rippling River Resort, Welches, OR. Contact: Northwest Turfgrass Association, P.O. Box 1367, Olympia, WA 98507, (206) 754-0825.

18 Professional Turfgrass Field Day, Westchester Country Club, Rye, NY. Contact: Metropolitan Golf Course Superintendents Association, P.O. Box 396, Mamaroneck, NY 10543, (203) 329-8257.

18-19 Virginia Tech Turf Research Field Days, Turfgrass Research Center, Blacksburg, VA. Contact: J. R. Hall III, Virginia Cooperative Extension Service, 424 Smyth Hall, Blacksburg, VA 14061-0403, (703) 231-9736.

30-3 Florida Turfgrass Association Annual Conference and Show, Orange County Convention Center, Orlando, FL. Contact: FTA, Inc., 302 S. Graham Avenue, Orlando, FL 32803-6332, (407) 898-6721.

OCTOBER

3-4 30th Annual Southern California Turfgrass Expo, Orange Country Fairgrounds, Costa Mesa, CA. Contact: SCTC, (714) 951-8547.

21-24 National Institute on Park and Grounds Management Annual Educational Conference, Reno, NV. Contact: NIPGM, P.O. Box 1936, Appleton, WI 54913, (414) 733-2301.

Send announcements on your events two months in advance to editor, Golf & SportsTURF, P.O. Box 8420, Van Nuys, CA 91409. Fax: (818) 781-8517.

Monumental Performance.

Highly rated since 1984 in the U.S.D.A. National Turfgrass Evaluation Program, Arid's a leader in turf quality, shade tolerance and insect and disease resistance, including brown patch. Its deep roots withstand Sahara-like summers and even humid transition zones. And with less thatch because of slower vertical growth, you save maintenance costs.

Mean Turfgrass Quality Ratings of Tall Fescue Cultivars At Four Shade Locations in the United States

Quality Ratings 1-9		9 = Ideal Turf	
Name	Mean	Name	Mean
Arid	6.0	Jaguar	4.9
Finelawn I	5.6	Bonanza	4.8
Trident	5.4	Olympic	4.8
Pacer	5.3	Maverick	4.7
Mustang	5.3	Willamette	4.6
Apache	5.2	Rebel	4.5
Tempo	5.1	Clemfine	4.4
KY-31	5.0	Brookston	4.4
Falcon	5.0	Johnstone	4.0
Houndog	5.0	Kenhy	3.4
Adventure	4.9		

Data from USDA National Turfgrass Evaluation Program

So, even in the toughest locations, you can have a turf of monumental quality. Be sure to order Arid from your seed or sod distributor.

Brown Patch Ratings of Tall Fescue Cultivars

Brown Patch Ratings 1-9		9 = No Disease	
Name	Mean	Name	Mean
Arid	6.3	Chesapeake	5.5
Adventure	6.2	Finelawn 5GL	5.5
Jaguar	6.1	KY-31	5.5
Rebel	6.0	Mustang	5.5
Pacer	5.9	Bonanza	5.5
Maverick	5.8	Trident	5.5
Falcon	5.8	Johnstone	5.5
Clemfine	5.7	Finelawn I	5.3
Apache	5.6	Kenhy	5.0
Tempo	5.6	Willamette	4.9
Olympic	5.6	Brookston	4.3
Houndog	5.6		

Data from USDA National Turfgrass Evaluation Program

Arid



Another fine quality-controlled product of

Jacklin
Seed Company

W. 5300 Riverbend Ave.
Post Falls, ID 83854-9499
208/773-7581
FAX: 208/773-4846
TWX: 5107760582
Jacklin PFLS

NK
NORTHROP KING

Medalist Turf Division
Co-producer



The staff at North Lebanon High School painted a blue and gold shield on the field for the 1986 homecoming game.

George Toma, head groundskeeper of the Kansas City Chiefs, doesn't particularly like being called a painter. The title doesn't reflect his broad experience with professional sports turf dating back to the '50s in Wilkes Barre, PA.

It was Toma who took the semidormant bermudagrass at the Los Angeles Coliseum in 1967 and made it brilliant green for the first color broadcast of the Super Bowl. He didn't stop with the turf and the white lines. He matched the team colors of the Chiefs, the Green Bay Packers, and the logo of the newly formed National Football League to dazzle television viewers across the coun-

try. For each of the 23 subsequent Super Bowls, Toma has, to some degree, used paint to fill television screens with a rainbow of color on an otherwise gray winter afternoon.

This story, however, is not about Toma. Instead, it is a documentary of how turf painting has spread from professional sports (including golf) to local high schools, parks, and universities across the country. Toma deserves credit for helping inspire this movement.

One excellent example of field painting at the high school level can be seen in Toma's home state of Pennsylvania. Each

year, at homecoming, the students and alumni of North Lebanon High School are treated with a field that rivals the Coliseum in Super Bowl I. The stadium lights illuminate a 30-foot-diameter gold and blue shield outlined in white, the insignia of the school's football Vikings. In the endzones the initials NLHS and the word Knights are in 20-foot-tall gold letters. The numbers are painted red, as are the diagonal stripes in front of both benches. Rivals have little doubt whose field this is and how seriously North Lebanon takes football.

Craig Boltz, superintendent of buildings and grounds for North Lebanon School District, isn't aware of Toma's contribution to his field. He just knows that the school's staff and students are exceptionally proud of the condition of all the district's fields...and he intends to keep it that way.

Painting snuck its way into North Lebanon as part of a commitment by Fred Gahres, the high school principal, to make the school's fields safer. "In 1983, John Harper and Don Waddington came down From Penn State to assess the condition of our fields for a research project they were doing," recalls Boltz. Gahres, a former All-American soccer player and coach in the days when coaches had to mark their own fields and drive the bus, took Harper's and Waddington's suggestions seriously on how to improve the school's fields. The following year, the District purchased an aerator, a set of reel gangs, a slicer-seeder, and a sod cutter.

Show Your Colors With Turf Paint