

Even more
It's kid proof



Denser, darker green Manhattan II takes the bruises for your athlete

What goes up must come down . . . and that goes double for athletes' knees and elbows.

Improved Manhattan II perennial ryegrass has a built-in cushion developed through genetic improvement. The greater tiller density of Manhattan II takes the punishment athletes dish out, then springs back to retain its great-



looking appearance. All that toughness . . . with improved mowability to boot!

Manhattan II also provides a darker green color than the old standard Manhattan; improved disease resistance, drought and shade tolerance as well as fertilizer savings.

Manhattan II was developed to save on maintenance costs . . . but the *real* saving is on knees and elbows!

"Fall on the leader"
Manhattan II
TURF-TYPE PERENNIAL RYEGRASS

Qualified turf associations can earn cash for turf research by saving Manhattan II blue tags. Contact your dealer for details.



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WE KNOW WHAT YOU'RE GOING THROUGH.

As if cutting tall, thick grass isn't tough enough, you never know what else you might run into. Like heavy weeds, steep hills, trees and bushes.

But with all of those things that can slow you down, it's nice to know there's something that won't. A John Deere commercial mower. Our 32-, 36-, 48-, and 52-inch models are designed and built to make quick work of your toughest jobs.

With features like fingertip control of each drive wheel, variable-speed ground drive with seven forward speeds, a 3-gallon elevated fuel tank, a low silhouette deck and an optional sulky attachment.

To keep you going through thick and thin,

there's always a dependable John Deere dealer nearby. But you probably won't need him very often thanks to quality construction that includes a 10-gauge steel deck, efficient blade drive system for long belt life and high-carbon steel blades.

For the name of your nearest dealer, or a free folder on the John Deere walk-behind line, call 800-447-9126 toll free (800-322-6796 in Illinois) or write John Deere, Dept. 51, Moline, IL 61265.

The John Deere walk-behinds. When you're up against it, you can count on them to come through for you.



Nothing Runs Like a Deere®

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SUBSCRIPTION RATES

ONE YEAR \$18
TWO YEARS \$30
FOREIGN (ONE YEAR) \$40

GTP Gold Trade
Publications, Inc.

P.O. BOX 156, ENCINO, CA 91426
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sportsTURF Magazine

is published nine times a year by GTP, Inc.
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Copyright 1986. BPA Membership applied for
August 1985. Audit pending.

Postmaster: Please send change of address form 3579 to
sportsTURF magazine, P. O. Box 156, Encino,
CA 91426-0156. Application to mail at 2nd
Class Rates is pending at Van Nuys,
California.

VOLUME TWO, NUMBER SIX

JULY/AUGUST 1986

MAIN EVENTS

14 MILWAUKEE STADIUM SPORTS NEW DRAINAGE AND IRRIGATION SYSTEMS

When Harry Gill wanted to improve both the drainage and irrigation systems of Milwaukee County Stadium, he was able to show management detailed notes about the field taken over many years. The notes and a pennant-winning season helped win approval for Gill. The trick was installing both systems between two homestands.

24 DRAINAGE HELPS REJUVENATE COMMUNITY GOLF COURSE

Heather Gardens, a nine-hole golf course serving an adult condominium community in Aurora, CO, was the first golf course in the country to try a new type of drainage system on its greens. Superintendent Guy Auxer, hired primarily to get the course back on a water budget, has concentrated his efforts on improving both the drainage and irrigation systems on the course.

34 SURFACTANTS: PRACTICAL TOOL FOR TURF UNIFORMITY

More sports turf managers are including surfactants as part of their program to provide dense, healthy turf for sports. When used with other methods of soil modification, surfactants can reduce compaction and eliminate inconsistencies in turf drainage.

LINE-UP

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COVER: The crew at Heather Gardens Golf Course cuts narrow trenches for a new type of drainage system. In four hours, the job will be finished and the green will be back in play.

Let Dy'on be your guide...

Dy'on puts an end to damage from overlaps and complaints from skips. With Dy'on, you can see where you have sprayed and where your spray is going. At one pint per 100 gallons, Dy'on will impart just enough blue/green color to guide an operator while spraying.

When mixed with pesticides and or liquid fertilizers, Dy'on will not interfere with the chemical biological functions. Used on dormant winter grasses, Dy'on will create a rich blue color and is recommended for use with the Richway Foam Marker to color foam balls and leave a residual color spot.

Dy'on colored spray solutions also show the operator if he has chemical on his skin and should wash. And the colored spray solution indicates whether a tank is clean of previous sprays.



Operator can easily see exactly where he has sprayed



Dy'on being sprayed on dormant burmudagrass



Home of RegalStar™

Dy'on is excellent for use on all types of growing green grasses. At the standard ratio, the color change is less, but still plenty adequate to guide an operator while adding a rich, luxurious look to green grass. This makes Dy'on excellent for use by lawn maintenance companies too. The customer has an instant dark green and healthy looking lawn.

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P.O. Box 900/Alpharetta, Georgia 30201
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Dy'on, the most effective, economical way to color spray solutions on vegetation

Palm Desert Greens Country Club is positive proof.

Maintaining one of the heaviest played executive golf courses in Southern California is a challenging job. An average of 290 rounds of golf a day puts tough demands on the turf, and on the irrigation system. That's why golf course superintendent Robert Stuczynski recently installed Weather-matic rotary pop-up sprinklers to upgrade the system at the Palm Desert Greens Country Club.

Stuczynski was won away from a brand he's used for more than a decade by Weather-matic's high quality design and features. The exclusive adjustable armspring allows fine-tuning while the sprinkler is on or off, and *stays* adjusted once set — a must for handling Palm Desert's exacting schedule of watering or fertilizing.

Weather-matic impact drive, rotary pop-up sprinkler heads are available in rugged cast



aluminum alloy and high impact plastic housings for your long-range or medium-range needs — from golf courses, parks and athletic fields to commercial use.

Designed for years of dependable service, they offer many outstanding features. Like the backsplash control arm on K-50/80 and PK-50/80. And the optional check valve, available on PK models, to prevent backflow in low areas and damaging line surge. Plus only Weather-matic can help reduce your inventory with interchangeable parts for plastic and metal housings.

When you team up our rotary pop-up sprinklers, controllers and valves, you have a combination that can't be beat. Just ask Stuczynski. He's now finalizing a plan to changeover the entire Palm Desert system to Weather-matic. Because Weather-matic works. Write or call for all the details.

You can't beat the system.



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LAWN AND TURF IRRIGATION



When you need color, density, disease and shade resistance, you need Eclipse.

In a three-year study under natural shade of locust and cherry trees conducted by Virginia Polytechnic Institute, only Eclipse was rated best in shade performance each year of the test.

- Low-growing dwarf variety • Dark green • Disease and insect resistant • Great density • Shade tolerant. Eclipse truly outshines them all and is available only from these sources.

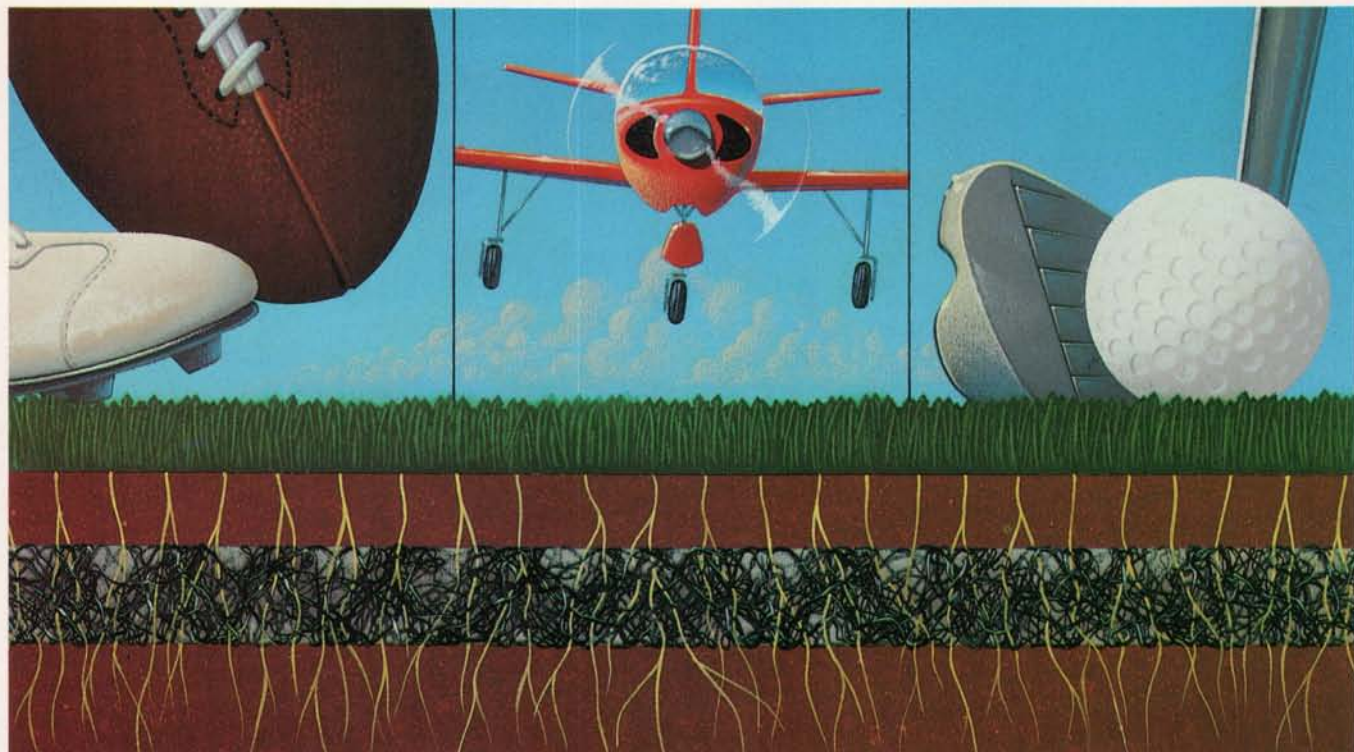
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The Enkaturf® System: A One-Time Prescription For Worn-Out Playing Fields.



With the Enkaturf system, grass can thrive where it needs to work the hardest. Our black 3-dimensional matting anchors roots and protects them against surface abuse and compaction.

The 50-yard line doesn't have to disappear in ankle-deep mud. And golf courses don't have to wear out in areas of heavy traffic, either.

The Enkaturf system gets to the root of the problem of compacted or abused grass. And it definitely is not artificial turf.

Instead, it's a geomatrix of nylon that's placed about 1½" below the surface, filled with topsoil, and seeded or sodded. Grass roots lock into the matting, providing permanent me-

chanical stability. And the root zone is protected against compacting.

That's how Enkaturf has transformed many battered, muddy playing fields, golf courses, and playgrounds into tough, resilient natural surfaces.

You may have seen some of them. Perhaps the football stadium at Purdue or New Mexico State. Or Candlestick Park, where, only five days after Enkaturf was installed, the grass over it could not be pulled up. And of *Golf World's* list of 40 great golf courses, eleven have used the Enkaturf system.

So call us at (704) 667-7713 for the name of your nearest distributor.

Or write for a free sample and information kit to Geomatrix Systems, BASF Corporation Fibers Division, Enka, NC 28728.

Nothing works like our kind of black magic when you want to bring a natural surface back to life.

BASF

Gaining Ground Thru Ingenuity.™

